**Selvakumar Murugesan**

**Full Stack Developer**

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Website : [**https://www.selvaonline.com/**](https://www.selvaonline.com/) **| My Certificates |** [**LinkedIn**](https://www.linkedin.com/in/selvaonline/)

**SUMMARY OF EXPERIENCE**

* Over the past 15 years, I have continuously challenged myself with new languages, frameworks, and methodologies.
* Designed and implemented modern web applications using microfronteds.
* Proficient in React, React Hooks, Redux, Angular and JavaScript ES6+.
* Experience with building tools like Webpack and Babel.
* Familiarity with testing frameworks like Jest and Enzyme.
* Designed and implemented scalable microservices architecture.
* Developed RESTful APIs and integrated them with the APIGEE gateway.
* Implemented continuous integration and delivery pipeline using Jenkins and UCD and Azure DevOps.
* Utilized cloud computing services such as AWS and Azure for deployment and monitoring
* Worked with various databases including MySQL, SQLServer, MongoDB Oracle, Redis and PostgreSQL.
* My Technology strong areas are C#.NET, ASP.NET, .NET MVC, Asp.NET Core, HTML5, CSS3, JavaScript, AJAX, jQuery, Angular 14, TypeScript, RxJS,React JS, Redux, React Hooks, Jest, Enzyme, Bootstrap, Material-UI, LESS, SASS, Node.JS, Express, Gulp, Grunt.JS, Webpack, Babel, WEB API,WCF, LINQ, Entity Framework Core, ADO.Net, Python, Golang, MS SQL Server, SSIS, SSRS,TFS, GIT, SVN, JIRA, Confluence, Bitbucket, VS Code, Jenkins, Splunk, uDeploy, PCF, Karma, Protractor and Jasmine, Azure Cloud, Azure DevOps, Kubernetes
* Have been involved in requirements gathering, agile development, Kanban development, unit testing, and build & release activities for web applications.
* Developed applications using Kafka to ingest, process, and deliver data to multiple consumers.
* Experience in creating Microservice and Micro Frontend applications.
* Handled members of onsite, offshore and nearshore teams.

**CERTIFICATIONS & AWARDS**

* [AWS Certified Cloud Practitioner](https://www.credly.com/earner/earned/badge/df0e3940-143d-4a3c-9744-5198507df06a)
* [Microsoft Certified Azure Fundamentals](https://www.credly.com/badges/617b7f5a-f436-47bd-802a-afe244e9f893/linked_in)
* [Hackathon Award Winner from FedEx Office](https://selvaonline.com/i-am-hackathon-winner-at-fedex-services/)
* [Hackathon Certificate from JPMorgan & Chase](https://selvaonline.com/received-digital-hackathon-certificate/)

**AI Project**

Ask Anything to Your Favorite AI Model: <https://www.my-docs.ai/>

**EDUCATIONAL QUALIFICATIONS**



* Master of Science (Electronic Media) from CEG, Anna University, Chennai, TamilNadu, India   
  ( Duration : June 2002 - May 2004)
* Bachelor of Science in Computer Technology from K.S.R College of Technology, Periyar University, Tiruchengode, TamilNadu, India ( Duration : June 1998 - Nov 2001)

**TECHNICAL SKILLS**



|  |  |
| --- | --- |
| Operating System | Windows 2003 & 2008,2012 R2, Linux |
| Web Technologies | Html, JavaScript, CSS, React JS, Redux, React Hooks, Webpack, Babel, Angular JS, Angular 14, Next JS, Node.JS, Express JS, Grunt.JS, Bootstrap, Material-UI, jQuery, AJAX, XML, Karma, Protractor and Jasmine, Python |
| .Net Solutions | ASP.NET, ASP.NET MVC, Asp.Net Core 6, C# .NET, ADO.NET, WCF and WEB API, MVVM, XAML, Entity Framework, VSTO, TFS 2012 |
| Application/Web Servers | IIS, Node Server, WebLogic, Apache |
| Tools | Maven 3.0, JUnit, Postman, Splunk, AppDynamics, Splunk, Autosys |
| Cloud | Azure, AWS, PCF (Cloud Foundry) |
| Source Control | TFS, GIT, Subversion, Bit Bucket |
| Databases & Tools | SQL Server, Oracle 12c, PostgreSQL |
| CI/CD Tools | Git, GitLab, Jenkins, Urban Deploy, Azure DevOps, SonarQube |

**PROFESSIONAL EXPERIENCE**

**Employer : Selsoft Inc**

**Client**: McKesson Corporation (Dec ’23 –Till Now)

**Designation**: Senior Full Stack Developer

**Project: Supplier Mapper Dashboard with Open AI Chatbot**

**Location: Irving, Texas**

* Developed a React JS frontend utilizing Jest and React Query to deliver a dynamic user interface for efficient account-to-agreement mapping.
* Engineered a robust .NET Core 6 Web API backend, integrating SQL Server and MongoDB to handle data persistence and retrieval.
* Integrated Kafka for real-time data streaming, facilitating seamless communication between microservices and ensuring data consistency across distributed systems.
* Implemented standardized customer definition logic to ensure accurate alignment of contract KPIs with McKesson's customer definitions.
* Deployed and managed containerized applications on Azure Kubernetes Service (AKS), ensuring high availability and scalability.
* Utilized Kafka topics and consumer groups to enable scalable message processing for the Supplier Mapper Dashboard, enhancing system reliability and performance.
* Designed and executed unit and integration tests using Jest to guarantee the reliability and maintainability of the codebase.
* Developed a React JS frontend utilizing Jest and React Query to deliver a dynamic user interface for efficient account-to-agreement mapping, including a chatbot interface built with React JS, Node.js, and OpenAI.
* Fine-tuned pod configurations on AKS, including resource limits, health checks, and scaling policies.
* Developed a chatbot integration that converts MongoDB data into OpenAI chat prompts, enabling users to interact with the dashboard using natural language.
* Worked on Vector Database and Vector Index and Vector Search for Chatbot.
* Integrated Kafka producers and consumers within the backend to handle data streaming and improve message-based interactions for the chatbot.
* Optimized database queries to improve application performance and responsiveness.
* Contributed to ongoing development efforts, including bug fixes and enhancements to the existing functionality.

**Technologies Used**: React JS | React Query | Jest | Node.js | OpenAI | .NET Core 6 | Web API | SQL Server | MongoDB | Azure | Kubernetes

**Employer : Randstad Technologies** 

**Client**: Wells Fargo (Sep ’21 – Nov’ 23)

**Designation**: Senior Full Stack Developer

**Project: Liquidity Risk Management**

**Location: Dallas, Texas**

* Developed and maintained a high-performance, scalable React application using TypeScript, HTML, and CSS, JSON.
* Developed code to call web services/APIs to fetch data and populate it on the UI using Axios and Promises.
* Worked with React Forms, Validations, Modules, Components, hooks, and HTTP Requests.
* Implemented React Router for routing and navigation.
* Used Redux for state management.
* Upgraded old Menu and control components to new React UI components.
* Developed Micro front ends using React.
* Developed a RESTful Web API using Node.js to provide access to the data in the database.
* Integrated Kafka for real-time data streaming and processing, enhancing communication between microservices and facilitating event-driven architecture.
* Designed and implemented Kafka producers and consumers for handling high-volume data streams and ensuring real-time data updates across systems.
* Secured the Web API using JSON Web Tokens (JWTs).
* Deployed the Web API to a cloud platform Azure
* Integrated the Web API with the React application using Axios.
* Created a CI/CD pipeline to automate the build, test, and deployment of the React application.
* Used a DevOps tool such as Azure DevOps or GitHub Actions to manage the CI/CD pipeline.
* Participated in Agile development practices such as Scrum, Grooming, Sprint Planning, and Retrospective.
* Deployed and managed containerized applications on Azure Kubernetes Service (AKS), focusing on pod orchestration and lifecycle management.
* Fine-tuned pod configurations on AKS, including resource limits, health checks, and scaling policies.

**Technologies Involved:**, React, Redux, Mobx, Jest, Enzyme, C#, ASP.NET Core 3.1, ASP.NET Core WEB API, Entity Framework Core 3.1HTML, JWT Token, GIT, Azure, Kubernetes

**Employer**: Tip Technologies (Sep ’20 – Aug ‘21)

**Designation**: Senior Full Stack Developer   
**Location**: Waukesha, WI

**Project Name**: TipQA (Software Product for Aerospace and Defense Clients)

* Develop high-performance react applications using ReactJS, Redux-saga, React Hooks, React-Router, JavaScript, HTML5, CSS3, SASS, Bootstrap5
* Built custom components for UX-Library consisting of Accordion, Filters, Dropdown, Carousel, Button, Checkbox, Input, Icons
* Developed a custom API layer to handle all CRUD transactions, and JWT token management and implemented interceptors to embed custom headers
* Implemented end-to-end testing using Jest and Enzyme, increasing test coverage by 90%.
* Collaborated with UX/UI designers to create visually appealing and user-friendly interfaces that met client requirements.
* Maintained high-level expertise in React state management strategies, including Redux, Redux Persist and redux-saga
* Exclusively used React-Hooks to handle application life-cycle processes
* Developed an ASP.NET Core Web API and Entity Framework Core as a server-side component to create RESTful web services.
* Worked with advanced ASP.NET Core MVC concepts such as model providers and Filters to develop backend technology.
* Implemented LINQ Query operations such as Grouping, Ordering, and Filtering to access the database for searching routes, drivers, and packages.
* Implemented JWT token-based authentication to secure the ASP.NET Core Web API and provide authorization to different users.
* Deployed the application on AWS Cloud using Amazon Elastic Container Service (ECS) and Amazon Relational Database Service (RDS).
* He developed Kafka-based batch processing applications in AWS using Amazon MSK.

**Technologies Involved:**C#, ASP.NET Core 3.1, ASP.NET Core WEB API, Entity Framework Core 3.1, React, Redux, Mobx, Jest, Enzyme, HTML, JWT Token, GIT,   
Amazon AWS Cloud, Kafka, Redis Cache, Visual Studio 2019, SQL Server 2014, Microsoft Visio 2012

**Employer**: Mphasis Corp (June ’20 – August 20)

**Designation**: Senior Full Stack Developer

**Client**: Charles Schwab, Austin TX

**Project Name**: Developer Portal

* Driving API development for account aggregation, account verification, and money movement
* Worked in an Agile-based team environment to develop an API management platform using Angular 9, .NET Core 3.1, MongoDB, Dynamo DB, and Drupal CMS.
* Unit testing of frontend code using Karma test runner and Jasmine testing framework with consistent 97%+ code coverage.
* Managed Amazon EKS clusters in AWS, ensuring high availability and performance of Kubernetes workloads through provisioning, scaling, and maintenance.
* End-to-end testing of frontend code using Protractor, deployed to Sauce Labs for cross-browser testing.
* Deployed the application on AWS Cloud using Amazon Elastic Container Service (ECS) and Amazon DynamoDB.
* Deploy and manage Kafka clusters in AWS, including topics, producers, consumers, and event-driven architecture.

**Technologies Involved**:  ASP.NET Core 3.1, ASP.NET Core WEB API, Angular 9, Typescript, Dynamo DB, Drupal CMS, Karma, Protractor, Sauce Labs, Kafka, AWS

**Employer**: Mphasis Corp (June ’19 – May’20)

**Designation**: Senior Full Stack Developer

**Client**: FedEx Office Corporate Headquarters

**Location**: Plano, TX

**Project Name: Freedom Pay Credit Card Processing and Payment Search Portal**

Freedom Pay is a third-party credit card processing API and we have integrated this payment API with FedEx Store’s Point of Sale System. We have also created a custom portal for searching and tracking credit card transactions with the store-wide/zone-wide.

* Developed front-end applications with React, React hooks, Redux, ES6 and MaterialUI.
* Used React-router to develop SPA and implement React JS components Working on cross-platform and browser compatibility issues for this application
* Worked on backend applications using the ASP.NET Core/ WebAPI
* Upgraded existing payment system with supporting Contactless Apple Pay, Samsung Pay, and Android Pay Capability.
* Used the latest technologies in HTML5/ CSS3 like Flexbox layout, CSS3, etc.
* Leveraged React JS and JavaScript to perform form validations.
* Used Postman to test the RESTful API for HTTP requests such as GET, POST, and PUT.
* Used GIT as a version control tool for merging branches and used SourceTree to solve conflicts.
* Worked with Threads, Multithreading, Synchronization, and integration with Freedom Pay API.
* Deployed cloud-native .NET Core applications to Azure Kubernetes Service (AKS) using the Azure CLI and Kubernetes manifest files.

**Technologies Involved**:  Asp.Net Core Web API, React, Typescript, Jest, Enzyme, RESTFul, Material-UI 3, HTML5, Flexbox, CSS3, GIT, AWS Oracle 12c, Windows 10

**Employer**: Mphasis Corp (June ’18 – May’19)

**Designation**: Senior Full Stack Developer  
**Client**: FedEx Office Corporate Headquarters

**Location**: Plano, TX

**Project Name: Print Production Application (PPA)**

Involved in Requirement gathering and analysis with product owners, created design documents for given requirements, Coding, unit testing and implementation.

* Developed and deployed a .Net Core 1.1 N tiered application with an Angular 2 SPA front end. I helped lead the small team and also proposed and implemented the project architecture. It was a success.
* The .Net core solution consisted of 5 projects including client, middle tier, api, common model and database repository.
* The Angular 2 SPA with 15+ child paths using reactive forms, custom validations, services, shared components, Webpack 2, and SCSS.
* We followed best practices of the daily scrum, often check-ins, team collaboration, stories, tasks, estimates and iterative end-user feedback.

**Technologies Involved:** Asp.Net Core Web API, Angular 2, Webpack, Typescript, NUnit, Jasmine, Karma, RESTFul, Bootstrap 3, HTML5, Flexbox, SCSS, GIT, SQL Server, Windows 10

**Employer**: Mphasis Corp (Dec ’16 – May-’18)   
**Designation**: Senior Full Stack Developer  
**Client**: JPMorgan Chase & Co

**Project Name**: UI Reusable Components

**Location**: Columbus, Ohio

* Developing new reusable UI components with react, react hooks, styling components, storybook and adding new features
* Leveraged React Hooks to manage component state and side effects efficiently, improving code maintainability and performance.
* Experience with state management libraries such as Redux and Mobx.
* Build once and it can be re-used in multiple areas of the Chase Customer Facing Applications.
* Worked on AWS Lambda for serverless computing, and AWS RDS for relational database management.
* Refactoring the components with the new library updates

**Technologies Involved:** HTML5, CSS3, Blue UI, React JS, Redux, React Hooks, Node JS, AWS

**Employer**: Mphasis Corp (Feb ’16 – Nov’16)

**Designation**: Senior UI Developer

**Location**: Columbus, Ohio

**Client Name:** JPMorgan Chase & Co

**Project Name: Learning @ JPMC – Learning Management System & WRS (Work Request System)**

* Involved in Requirement gathering and analysis with product owners, created design documents for given requirements, Coding, unit testing, and implementation.
* Worked on Angular JS, jQuery, and Bootstrap for the UI development
* Worked on AWS Lambda for serverless computing, and AWS RDS for relational database management.
* Worked on JSON, Ajax, and REST Technologies, Used Ajax and Rest to interact with backend systems.
* Created Custom Directives for code reusability of the application.
* Developed test cases in Jasmine to improve the code quality.
* Implemented Responsive Web Design principles

**Technologies Involved:** HTML5, CSS3, Bootstrap, Angular JS, jQuery, JAVASCRIPT, JSON, AJAX, Subversion, Eclipse

Maven, Confluence, AWS

**Employer**: Infosys Technologies Limited (Feb ’08 – Jan 2016)

**Client**: UL Solutions

**Designation**: Senior Full Stack Developer

**Location**: Northbrook, IL

* **Labware Web Interface (Client: Underwriter Laboratories) (4 Months)**

The purpose of this application is to create a web interface for the Labware legacy application. Labware itself has been exposed with the api options and our web app integrates with those exposed APIs and makes UL engineers’ work very robust. Engineers can work on the Labware application while he/she is moving via our web interface and this gives greater freedom from the legacy desktop app this saves a lot of time for engineers and helps to the organization with greater productivity goals.

**Responsibilities**

* Involved in Requirement gathering and analysis with product owners, created design documents for given requirements, Coding, unit testing and implementation.
* Worked on Angular JS, JQuery, and Bootstrap for the UI development
* Used Grunt.Js, NPM, Protractor.JS for client side activities
* Implemented Minification and GZip to increase performance of the application.
* Worked to improve accessibility features in the application by implementing tab index, title text for screen readers and color standards confirming to company specifications.
* Worked on JSON, Ajax and REST Technologies, Used Ajax and Rest to interact with backend systems.
* Developed RESTful web services for interaction between App and Neo4j BigData Layer.
* Worked on Unit of Work design pattern for handling transactions in the database.
* Worked on Repository Pattern for CRUD operations.
* Worked on Database Factory for creating generic database connections.
* Worked on Castle Windsor for Dependency Injection.
* Used LINQ for interacting with SQL server data source.
* Used Entity Framework for Object Relation Mapping, Database First Approach.

**Technologies Involved:**

* ASP.Net MVC 4, Angular JS, JQuery, Grunt.JS, NPM, Bootstrap, SQL Server 2008, Neo4J,TFS 2012
* **Engineering Evaluation Application (Client: UL Solutions) (1 Year)**

The purpose of this application is to automate the day-to-day job of engineers and make life easy for them. Through this application engineers can able to evaluate the product which they are currently testing. The engineer will evaluate the product on the basis of already already-defined decision tree mapping algorithm and get the results accordingly.

**Responsibilities**

* Involved in Requirement gathering and analysis with product owners, created design documents for given requirements, Coding, unit testing and implementation.

• Worked on Angular JS, Jquery, and Bootstrap for the UI development

• Worked on Grunt.Js for client-side building activities

• Used NPM for installing dependency libraries

• Used Karma.Js for testing JavaScript Libraries

• Developed RESTful web services for interaction between App and Neo4j BigData Layer.

• Worked on Unit of Work design pattern for handling transactions in the database.

• Worked on Repository Pattern for CRUD operations.

• Worked on Database Factory for creating generic database connections.

• Worked on Castle Windsor for Dependency Injection.

• Involved in Database design. And also responsible for preparing release scripts & maintaining database

scripts for the releases.

• Used LINQ for interacting with SQL server data source.

• Used Entity Framework for Object Relation Mapping, Database First Approach.

• Used TFS 2012 for source code control.

• Involved in Weekly status meetings with the client to report the status of the project.

• Coordination with the Offshore team and allocation of tasks and tracking them to completion so that delivery is

on time.

**Technologies Involved:** Angular JS, jQuery, Grunt.JS, NPM, Bootstrap, ASP.Net MVC 4, SQL Server 2008, Neo4J,TFS 2012

* **Quicklaw® for Microsoft® Office (Client: LexisNexis) (2.3 Years)**

QuickLaw for Microsoft Office streamlines the research and drafting process within the Microsoft® Office applications MS Word and Outlook. Eliminate the need to toggle between applications and focus on delivering better outcomes by removing the non-essential activities inherent in the legal research process. Validate and enhance your work product using intuitive functionality designed for both litigation and transactional activities.

**Responsibilities**

* Developing Microsoft Office Add-ons using complex word object model & outlook object model of C#
* Involved in Requirement gathering and analysis with product owners, created design

document for given requirements, Coding, unit testing, and implementation.

* Developed WCF services for interaction between the App Server and office client
* Used MVVM design pattern for implementing Business layer and presentation later.
* Involved in Database design, creating SP’s and Functions. And also responsible for preparing

release scripts & maintaining database scripts for the releases.

* Code Review & Unit, Integration Testing
* Estimate and implement change requests and emergency corrective actions.
* Coordinated with engineers and other project teams in creating a release plan document and run release meetings.
* Used TFS 2010 for source control & Urban Turtle (TFS Add-on) for task management.
* Worked on solving critical and high-priority bugs in the Production environment.
* Involved in Weekly status meetings with the client and prepared the weekly project report.
* Coordination with the Offshore team and allocation of tasks and tracking them to completion so   
   that delivery is on time.

**Technologies Involved:** C# 4.0, Word Object Model, VSTO (Visual Studio Tools for Object), WCF, WPF and SQL Server 2008, TFS 2010

* **UK Insurance Underwriting Solution (Client: LexisNexis) (1 Year)**

UK Insurance Underwriting Solution was the first international product of LexisNexis Risk Solutions. I was part of the core team that built this underwriting solution project. UK underwriting solution is a robust and efficient way to collect, analyze, and leverage large amounts of customer data and investigative intelligence and give meaningful insight to the insurance companies in sub-seconds by leveraging the world’s leading big data technology HPCC.

**Responsibilities**

* Part of the core team that builds the UK Underwriting Solution for LexisNexis Risk
* Part of earlier architectural design meetings for this product
* My responsibility is to write web services for back-office account setup for this product
* Part of the Big Data team that takes care of transforming customer data into an HPCC environment for data mining purposes.
* Migrating projects to HPCC Environment
* Writing Business Logic in ECL
* Processing unstructured data using patterns
* Using transform, project, rollup, join, and index in ECL
* Processing XML using XPath
* Transparent and implicitly parallel programming
* Non-procedural and dataflow-oriented
* Modular, reusable, extensible syntax
* Developing Roxie’s services and communicating with other services.

**Technologies Involved:** C#.Net, XML Web Services, HPCC, ECL Language, XML, Query Builder

* **Online Fulfillment Applications (Client: LexisNexis) (3 Years)**

Online Fulfillment System is a suite of applications whose purpose is to fulfill customer’s online orders. Our application was used by the Fulfillment reps, and Customer. Support Representatives (CSR) to track the submitted orders and to look up the customer information like product purchased, account, billing information, etc.

**Responsibilities**

• Planning and tracking of work assigned to engineers.

• Provide technical solutions to the project team for issues faced in the project.

• Support and monitor the production systems and data extraction packages.

• Responsible for analyzing and solving application/data-related issues.

• Gather business requirements from users and other stakeholders. Advise the business team about feasibility, risks and provide estimates.

• Implement new change requests from business.

• Taking care of production tickets and ad-hoc request

• Estimate and implement change requests and emergency corrective actions.

• Create documentation like Application Knowledge Document, Architecture, Database Design, Detailed Design, back out plans, etc. as per SDLC.

• Worked in the onsite-offshore model, communicating regularly with onsite counterparts and periodically with clients.

• Took charge of ramping up new team members and managing systems

**Technologies Involved:** ASP 3.0, ASP.NET, C#, JavaScript, SQL Server 2008, SSIS 2005

**Employer: HTC Global Services Pvt Ltd** (Oct ’06 – Feb’ 08)

**Designation:** Programmer Analyst

**Location**: Chennai

**Project: Build Manager (Client : In-House Product, HTC Global Services Pvt Ltd) (4 Months)**

Location: Chennai

As Developer was involved in the design, development, implementation, and support of the Build Manager, which

automates the version control process right from the inception of the configuration items till the final release. This

also helps in version management, and impact analysis, and serves as a dashboard for release management. It

integrates with version control tools such as Source Safe and WinCVS.

**Responsibilities:**

● Being responsible of the design team and developing applications using C#. NET

● Acting as a point of contact for integrating the modules and performing GUI changes

● Writing SQL stored procedures

● Working on Nant and Nunit ,FxCop,Ndoc

● Integrating the solution with WinCVS

● Implementing and providing support for the users

● Training end users

**Technologies Involved**: Asp.net, C#.NET, XML, Nant, MS SQL Server 2000, XMLSpy, Visual SourceSafe, and WinCVS.

**Project: ICAI Search (Client: Institute of Chartered Accountants of India) (6 Months)**

As a Developer, was involved in the design and development of ICAI Search, which helped chart accountants to

Search and highlight the required documents.

**Responsibilities:**

● User Interface design using Adobe Photoshop and Flash.

● Data Migration from a flat file into an SQL Server Database

● User Interface Designing

● Coding

● Parsing Techniques

**Technologies Involved**: Asp.Net, C#.NET, MS SQL Server, HTML, JavaScript, and CSS, Web Services

**Project:** eGrams Search (**Client:** Department of Information Technology, MI, US) **(7 Months)**

As Developer was involved in the design and development of eGrams, which allows grantees to electronically

search and find grant opportunities throughout the State of Michigan.

**Responsibilities:**

● User Interface design using Adobe Photoshop and Flash.

● Coding

● Indexing Algorithm

● Parsing Techniques

**Technologies Involved**: ASP.NET, C#.NET, MS SQL SERVER, HTML, JavaScript, and CSS

**Employer: ePageMaker Pvt Ltd** (Feb ’05 – Oct’ 06)

**Designation:** Associate

**Location**: Chennai

**Client: TVS Motor Company (11 Months)**

As a developer, Selvakumar was involved in the design and development of TVS Motor Company Websites.

* + <http://www.tvsmotor.in>
  + <http://www.tvsstarcity.com>
  + <http://www.tvsstar.com>
  + <http://www.tvsscooty.com>
  + <http://www.tvsvictor.com>

**Responsibilities:**

● Requirement gathering

● User Interface designing using Flash & Photoshop.

● Coding

● Database Design, Writing Store Procedures

**Technologies Involved**: ASP 3.0, JAVASCRIPT, ASP.NET, C#.NET, ADO.NET, MS SQL Server, Photoshop, Flash, FrontPage, and CSS

**Project: Balanced Score Card (BSC) (Client: GMR Group, Bangalore) (3 Months)**

As a developer, i was involved in the design and development of the Balanced Score Card (BSC) software for GMR Group employees.

**Responsibilities:**

● Requirement gathering

● User Interface designing using Photoshop.

● Coding

● Writing Queries & Store Procedures

● Report Generation

**Environment:** ASP.NET, C#.NET, ADO.NET, MS SQL Server, JavaScript, Photoshop, FrontPage, and CSS

**Project: GNet – Intranet (Client: GMR Group, Bangalore) (4 Months)**

As a Team Leader of this project, led a team with four people, the intranet portal is the single-roof information hub for

the entire GMR Group Employees.

**Responsibilities:**

● Requirement gathering

● User Interface designing using Flash & Photoshop.

● Coding

● Writing Queries & Store Procedures

● Report Generation

**Environment:** ASP.NET, C#.NET, ADO.NET, MS SQL Server, JavaScript, Photoshop, Flash, FrontPage, and CSS

**Project –** [**http://www.newdelhiairport.in**](http://www.newdelhiairport.in) **(Client: Delhi International Airport (P) Limited) (3 Months)**

As a Team Leader of this project, i was integrating design and development team efforts for Delhi International Airport

website.

**Responsibilities:**

**●** Requirement gathering

● User Interface designing using Flash & Photoshop.

● Coding

● Database Design, Writing Store Procedures

● Team Management & Co-ordination

**Technologies Involved**: ASP.NET, C#.NET, ADO.NET, MS SQL Server, JavaScript, Photoshop, Flash, FrontPage, and CSS

**Duration:** Aug 2006 to Oct 2006

**Recent Project on Github**

**Project Name: Free Image Search with React JS, Material-UI & Pixabay API**

Project Demo: <https://freeimagesearch.herokuapp.com/>

Github Repo: <https://github.com/selvaonline/FreeImageSearch>

**Project Name**: **Custom HTTP Library with ES6 Syntax**

Linkein Article: <http://bit.ly/2vs8AAq>

Github Repo: <https://github.com/selvaonline/CustomHTTPLibraryWithES6>

**ProjectName: Responsive Social Media Accordion**Project Demo: <https://codepen.io/selvaonline/pen/MVoEPZ>

**ACHIEVEMENTS**

* **Bravo Award, LexisNexis/Infosys.**

There were some technically very complex requirements like the integration of Delegates' features with   
outlook add-in (Smart Meeting). Microsoft did not expose direct API in .NET to customize delegate features and it was really difficult to complete the implementation. I did lots of research, spent days and nights, and finally got a solution and implemented it.

* **Best Innovator Award** from Infosys for submitting more than 10 ideas in the company’s innovation portal.

**Personal Information**

|  |  |
| --- | --- |
| **NAME** | SELVAKUMAR MURUGESAN |
| **ADDRESS** | 6400 OHIO DR, APT 1822, PLANO, TX 75024 |
| **DATE OF BIRTH** | 06/27/1979 |
| **MARITAL STATUS** | MARRIED |
| **NATIONALITY** | INDIAN |
| **CURRENT OCCUPATION** | Lead Software Engineer |
| **EDUCATIONAL BACKGROUND (MONTH AND YEAR OF PASSING)** | **Masters:**  MASTER OF SCIENCE in Media Science,  College Of Engineering,  Anna University, Chennai, India Year Completed: 2004 **Bachelors**  BACHELOR OF SCIENCE in Computer Technology, K.S.R College Of Technology, Tiruchengode,  TamilNadu, India Year Completed : 2001 |