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**PROFESSIONAL SUMMARY**

* **Having 10+ years** of experience in Java based web application, Server/Client-side Programming **analysis, design, development, testing, implementation** and maintenance.
* Expertise in designing and developing the software applications by applying the **Object-Oriented Programming OOP Concepts and Principles with a wide exposure to e-business, B2B applications**, service delivery, and Internet and intranet applications.
* Strong experience in developing back-end services using **Java, J2EE, and RESTful Web services, Spring Framework, Microservices, Spring Boot, Spring JPA, Spring Cloud, Spring Security.**
* Experience in AWS Services - (**S3, EC2, EKS, SQS, SES, Dynamo DB, Cloud Watch and IAM**)
* Experience in development and maintenance of RESTful (JAX-RS), SOAP (JAX-WS) web services and integration of third-party web services.
* Expertise in using **JDBC** and **Hibernate** for DB interactions in persistence layers.
* Exposure to databases like **Oracle, MYSQL, SQL Server and PostgreSQL**.
* Good knowledge of **Java and J2EE Design Patterns**.
* Hands on experience in using Application/Web servers like **Tomcat**, **JBoss** servers.
* Experience in Identity and Access Management Implementation Single Sign-On, Identity Federation using **Keycloak**. Involved in designing and implementation of end-to-end security solutions involving different security products.
* Proficient experience on **Active Directory (AD)** adding the machines to the domain controllers and using LDAP to access the AD and Applying Security to the Web applications by using the **Spring Security framework**.
* Good experience on Using OIDC**, SAML, and OAUTH2.0 protocols, Kerberos, Active Directory Federation Services** (**ADFS**) and **Azure AD** to achieve the **Single Sign-On (SSO)** to protect Web Application**.**
* Hands on experience in generating **SSL Certificates** by using the tools like **OPENSSL and Javakeytool** and configure the SSL certificates in the Production Environment for organisation products.
* Experience in fixing SonarQube issues and OWASP dependency-check project dependencies vulnerability issues.
* Experience in cloud native technologies and apps hosted in Cloud environments like **AWS and GCP**.
* Experience in working with **Docker and Kubernetes** environment.
* Hands-on experience on **CICD** pipelines with DEV ops technologies like **Jenkins**, **Sonar**, and **Docker**.
* Experience in Messaging systems like **ActiveMQ, Rabbit MQ, Kafka and Vertex**
* Expertise in estimations, planning, design solutions, development, testing and deployment activities.
* Highly motivated, Pro-active and possess excellent technical, interpersonal &
problem-solving skills and motivating others to produce results on time.
* Strong planner and organizer with demonstrated ability to master new concepts quickly, incorporate the latest technology and develop business solutions that increase efficiency, productivity, and profitability.
* Excellent documentation and presentation skills.

**SKILL SET**

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| **Programming Languages** | Java 11, Python |
| **Java Technologies** | JavaSE, JavaEE |
| **Web Technologies** | HTML, Ajax, XML, Servlet, JSP and JSTL. |
| **Authentication and Authorization** | Single Sign on, Keycloak, Azure AD, Kerberos, ADFS, LDAP, Active Directory, OIDC, SAML, OAuth2.0 |
| **Distributed Technologies** | JAX-WS, JAX-RS. |
| **Frameworks** | Hibernate, Spring MVC, Spring Boot, Spring Security, Spring Cloud, Micro Services |
| **Database** | Oracle, MySQL, PostgreSQL, SQL Server. |
| **NoSQL Database** | Mongo dB, Elastic search, Cassandra. |
| **Messaging Server** | JMS, ActiveMQ, RabbitMQ, Kafka, Eclipse Vertex |
| **Application Servers**  | JBOSS |
| **Web Servers**  | Tomcat, Wild fly server |
| **Logging Tools** | Log4j, SLF4J |
| **Java Testing Tools** | JUnit, Mockito, Power Mockito |
| **Penetration Testing Tools** | Burp suite, OWASP ZAP |
| **OSS Tools** | SonarQube, Sonar lint, Dependency check, dependency track, Black duck  |
| **Scripting** | JavaScript |
| **IDE** | Eclipse, NetBeans, STS |

**EDUCATIONAL PROFILE**

**Bachelor of Technology** in Electrical and Electronics in 2013 from **JNTU** Kakinada University, Andhra Pradesh.

**WORK EXPERIENCE:**

**Client#1: Rockwell Automation Duration: Oct 2020 – Present**

**Project : FTADataView**

**Role : Java Developer**.

**Technologies :** Java 11, Spring Boot, Microservices, Spring Security, Spring Cloud, HTML5, CSS3, SSO, OAuth2.0, OIDC, SAML, Maven 3.0, AWS S3, AWS Email Services, AWS EKS, AWS Dynamo DB, Swagger API, Docker, Kafka Cluster, MYSQL, Jenkins, PostgreSQL, Keycloak, Vertex, Elastic Search, Rabbit MQ, Mongo dB, Kafka, Cassandra, hive, web socket, Flat Files.

**Project Description:**

Data View is a blazing fast, cloud-powered Business Intelligence (BI) product, with auto-discovery features that makes it easy for all kind of users to generate business insights across multiple data sources and to build powerful visualizations, perform ad-hoc analysis, with big data elastic in-memory features for rapid querying of data. Data View uses big data architecture to rapidly build data store/warehouses from traditional OLTP/flat files/other sources, thereby reducing the time to deploy a BI architecture across your organization from months to days. Data View integrates automatically with cloud infrastructure, with multi-tenancy, enables organizations to scale to hundreds of thousands of users, and delivers fast and responsive query performance with Elastic in-memory query engine. A cost-effective, reliable, and proven product enables you to deliver rich BI functionality to everyone in your organization and able to handle the team well.

**Responsibilities:**

* Participate in Iteration Planning Meetings, sessions, review product catalog items along with product owners and estimate story points.
* Participate in design solutions for story point with team members and prepare technical solutions for the priority features.
* Participate in design model with data layer like data base design and coordinate with database team.
* Participate in design solutions with other module teams to analyze and coordinate for API design contract between systems as per requirements.
* Having good experience with tools and technologies like Maven, Gradle, Git, etc
* Responsible to implement and integrate **Identity and access management** system **Keycloak** with FTADataView.
* Design and implement cloud infrastructure using AWS CDK, writing reusable and maintainable code to define AWS resources and services, ensuring scalable and secure architectures.
* Automate the deployment and management of cloud resources with AWS CDK, integrating with CI/CD pipelines to enable continuous delivery and efficient infrastructure updates.
* Involved in Uploading Downloading documents with **AWS S3**.
* Perform change and configuration management of code using Subversion and **Jenkins**.
* Involved in using **AWS Email services** to send emails and having Microsei Vices patterns.
* Preparing Docker files, Build **Docker** images and Development in **Kubernetes**.
* Automated the deployment process by integrating code repository using build pipeline **Jenkins**, **Bamboo** and **GoCD** for   Continuous Integration and Continuous Deployment that can run on the cloud or on-premises.
* Write code to consume and produce messages from **Kafka** topics.
* Write code to consume and produce messages from **Rabbit** topics.
* Created and worked with various SQL and NoSQL databases such as **PostgreSQL, MySQL, Dynamo DB, and MongoDB** and connected to the database through DB instances using the AWS java SDK.
* Worked with **AWS, GCP, Azure** Identity and access Management (IAM) to created roles and polices.
* Involved in using Vertx in application.
* Having knowledge on Angular Frame work in general and worked in Open shift cloud platform.
* Working knowledge on Azure Vm's, GCP Cloud compute engine and **AWS EC2** snapshots, volumes and to deploy applications in a cloud environment.
* Developed micro services with spring boot, spring cloud components of Netflix OSS(**Eureka, Resilience4j, Ribbon, Feign** )
* Implemented common **API Gateway** for micro services integration using spring API Gateway and Netflix Eureka framework.
* Responsible to implement Security Assertion Markup Language (SAML), Open Authorization (OAuth 2), **Open Identity Connect (OpenID Connect)**, JavaScript Object Notation Web Token (JWT) protocols.
* Preparing Design Documents (Technical/Functional) Documents.
* Responsible to generate **SSL Certificates** by using the tools like **OPENSSL and Javakeytool,** configure the SSL certificates in the Production Environment for organization products.
* Created Users, Roles, Privileges, Packages, Schemas as part of Security and Development using Spring Security.
* Responsible to enhancing the Software Development Life Cycle (SDLC) by adding security to remove vulnerabilities and protect business logic. Through both static code analysis and dynamic code analysis, identified and fixed the top 10 OWSAP web application security vulnerabilities by using tools like **Dependency track**, **SonarQube, Sonar Lint, BlackDuck**.
* Responsible to maintain vulnerability assessment and management process every quarter on web application to make sure no known vulnerabilities existed in the environment using both manual and automated processes. And performed penetration testing using various tools like **Burp Suite**, tools to check the possibility of exploiting web application level.
* Followed **agile methodology** during development of the project and oversaw the software development in **Sprints** by attending daily stand-ups.
* Involved in developing implementations using **Spring Boot, Spring JPA, and Spring Security**.
* Responsible for coding the logic in different layers of layered architecture.
* Developed User defined Exceptions for each request and response.
* Involved in **Client calls** on regular basis to understand the **Business requirements of the Client.**
* Implemented **Spring IOC** for delegating the request to different layers.
* Supported SIT and AT testing for fixing the bugs.
* Build UI components based on the mocks provided by UX team, using JavaScript, Html, CSS, bootstrap, jQuery, and React.
* Write code to get the data from the **Mongo DB and Elasticsearch.**

**Client#2: Rockwell Automation Duration: May 2017 – Sept 2020**

**Project : FTADataView**

**Role : Sr. Java Backend developer**.

**Technologies :**  Java 8, Spring MVC, Spring Jdbc, Spring Security, Node js

HTML5, CSS3, Maven 3.0, JDBC, Jenkins, Tomcat, JAX-WS, MYSQL, Postgres, Elastic Search, Rabbit MQ, Mongo dB, Kafka, Cassandra, hive, web socket, Flat Files.

**Project Description:**

Data View is a blazing fast, cloud-powered Business Intelligence (BI) product, with auto-discovery features that makes it easy for all kind of users to generate business insights across multiple data sources and to build powerful visualizations, perform ad-hoc analysis, with big data elastic in-memory features for rapid querying of data. Data View uses big data architecture to rapidly build data store/warehouses from traditional OLTP/flat files/other sources, thereby reducing the time to deploy a BI architecture across your organization from months to days. Data View integrates automatically with cloud infrastructure, with multi-tenancy, enables organizations to scale to hundreds of thousands of users, and delivers fast and responsive query performance with Elastic in-memory query engine. A cost-effective, reliable, and proven product enables you to deliver rich BI functionality to everyone in your organization.

**Responsibilities:**

* Responsible to translate business process requirements into system solutions.
* Worked on a proof-of-concept phase for cloud migration including build and deployment to **AWS components to EC2** and setting up **AWS S3** objects.
* Build UI components based on the mocks provided by UX team, using JavaScript, Html, CSS, bootstrap, jQuery, and React
* Created indexes, stored and retrieved documents in **NOSQL database Elastic Search** using elastic rest template.
* Write code to consume and produce messages from **Cassandra** tables.
* Mainly involved in deployment activities **CICD** deployment and familiar with **OSE (Open shift origin).** Also made changes in **Jenkins** Files as per the requirement of the pipeline.
* Wrote Node.js back-end and Firebase cloud functions for handling user authentication and Firestore data manipulation, resulting in a 40% reduction in authentication time and a 30% increase in data manipulation efficiency.
* Write code to consume and produce messages from Kafka topics and configured Kafka clusters with Zookeeper.
Developed Crone jobs with Node.js, Redis, and Express.js
* Write code to use Python features in Java by using Python.
* Followed **agile methodology** during development of the project and oversaw the software development in **Sprints** by attending daily stand-ups.
* Developed test cases for each component in different panels using Junit, reported and deployed using **Jenkins**.
* Involved in developing implementations using **Spring MVC**.
* Involved in developing implementations using **SpringMVC, Spring JDBC, and Spring Security**.
* Write code to consume and produce messages from **Kafka** topics.
* Write code to consume and produce messages from **RabbitMQ** topics.
* Write code to get the data from the **Mongo dB and Elasticsearch**.
* Responsible for coding the logic in different layers of layered architecture.
* Developed User defined Exceptions for each request and response.
* Involved in **Client calls** on regular basis to understand the **Business requirements of the Client.**
* Developed Jobs module for scheduling and tracking the sync of Story boards and views, tracking them with separate API.
* Involved in configuring fluentd to collect application logs.
* Involved in getting application logs into elastic search using **fluentd**
* Involved in getting **MySQL** data into application to visualize.
* Involved in configuring **Microsoft active directory** in windows2016 server.
* Implemented **Spring IOC** for delegating the request to different layers.
* Supported SIT and AT testing for fixing the bugs.

**Client#3: Banco Santander Duration: Oct 2015 – April 2017**

**Project : Card Statement Transaction (CST)**

**Role :** Java Developer.

**Environment :** J2SE, Servlet, JSP, spring, SpringJDBC, Tomcat, JAX-WS, MYSQL

**Tools :** Maven, Log4j, SVN.

**Project Description:**

Card Statement Transaction (CST) is a real-time service to check the point’s summary and detailed points transaction details by the card holder.

* To implement this requirement, we are exposing 2 services:
1. **Reward Summary Service:** This Service will consist of available points, adjusted points, used points, Earned Points, Forfeited Points.
2. **Statement Transaction Service:** Statement Service consists of details of each transaction. This service is very high-volume service. This service will enhance the user accessibility to the check points gained or adjusted in real time.

As a part of the request, customer has to provide details like card number, Name on the card, Expiry Month etc. Depending on the details customers can view the reward points and Transactions for them.

**Responsibilities:**

* Responsible for understanding and implementing the Business requirements of the client.
* Build UI components based on the mocks provided by UX team, using JavaScript, Html, CSS, bootstrap, jQuery.
* Involved in developing implementations using **SpringMVC, Spring JDBC, and Spring Security**.
* Followed **agile methodology** during development of the project and oversaw the software development in **Sprints** by attending daily stand-ups.
* Involved in developing implementations using **Spring MVC**.
* Responsible for coding the logic in different layers of layered architecture.
* Developed User defined Exceptions for each request and response.
* Implemented **J2EE** design patterns and core design patterns – **DAO, DTO, Business Delegate, Page Iterator and Controller and MVC patterns.**
* Involved in **Client calls** on regular basis to understand the **Business requirements of the Client.**
* Used Hibernate as the system layer to talk to the database and perform **CURD** operations. Involved in using **React JS** components, Forms, Events, Keys, Router, Animations and Flux concept. Used **JDBC** and **Hibernate APIs** to access remote oracle databases. Developed server-side services using **Java multithreading** (**Core Java**).
* Designed the Architecture of the project as per **Spring MVC Framework** and worked with Data tables & High Charts modules. Used **SOAP** protocol, **JAX-WS** and **Apache CXF** in development of web services.
* Spring ORM wiring with Hibernate provided access to **MYSQL RDBMS**. Modified **web.xml** and inject **Spring Security** to ensure back-end security and enhanced do Post method in **servlet** to avoid multiple submissions.
* Implemented **Spring IOC** for delegating the request to different layers.
* Supported SIT and AT testing for fixing the bugs.
* Used Hibernate as the system layer to talk to the database and perform **CURD** operations. Involved in using **React JS** components, Forms, Events, Keys, Router, Animations and Flux concept. Used **JDBC** and **Hibernate APIs** to access remote oracle databases. Developed server-side services using **Java multithreading** (**Core Java**).

**Client#4: OSP Labs Duration: Nov 2013 – Sept 2015**

**Project : Diagnostic Software**

**Role :** Java developer.

**Environment :** J2SE, Servlet, JSP, spring, Tomcat, JAX-RS, MYSQL, Grails

**Tools :** Maven, Log4j, SVN.

**Project Description:**

Diagnostic Software is web-based application. By using this application user can register a patient personal detail and assign tests based on his/her disease. Here in this software test wise discount is available and overall discount is also there. After completion of the registration and test details a bill report will be generated. Patient details and test details are mentioned in this report.

After registration patient test result details also maintained here. Patient wise Report, Individual Patient bill report, Test wise and Test Category wise reports are available. Most advantages of this software are paper less work, User convenient easily understandable.

**Responsibilities:**

* Responsible for understanding and implementing the Business requirements of the client.
* Followed **agile methodology** during development of the project and oversaw the software development in **Sprints** by attending daily stand-ups.
* Implemented **J2EE** design patterns and core design patterns – **DAO, DTO, Business Delegate, Page Iterator and Controller and MVC patterns.**
* Build UI components based on the mocks provided by UX team, using JavaScript, Html, CSS, bootstrap, jQuery.
* Involved in developing implementations using **Spring MVC**.
* Involved in developing implementations using **SpringMVC, Spring JDBC, and Spring Security**.
* Responsible for coding the logic in different layers of layered architecture.
* Developed User defined Exceptions for each request and response.
* Involved in **Client calls** on regular basis to understand the **Business requirements of the Client.**
* Used Hibernate as the system layer to talk to the database and perform **CURD** operations. Involved in using **React JS** components, Forms, Events, Keys, Router, Animations and Flux concept. Used **JDBC** and **Hibernate APIs** to access remote MySQL databases. Developed server-side services using **Java multithreading** (**Core Java**).
* Implemented **Spring IOC** for delegating the request to different layers.
* Supported SIT and AT testing for fixing the bugs.