**­**

|  |  |
| --- | --- |
| **Vishal Agrawal**  Ecommerce | Java | Spring Boot | Angular | Microservices  | Software Arc architecture & Engineering | AWS | OpenShift | AWS Certified Solutions Architect – Professional badge image. Certification. Advanced level. Issued by Amazon Web Services Training and CertificationAWS Certified Security – Specialty badge image. Certification. Advanced level. Issued by Amazon Web Services Training and Certification |

**Professional Summary**

* IT Professional with 16 years of experience in developing, leading, designing, architecting and supporting, various **ecommerce, omnichannel ecommerce, fintech, healthcare, finance, telecom** applications
* Hands-on coding experience in **Java(6,7,8,17), Java EE, SpringBoot, Angular 16, NodeJS, NextJS, Python, Javascript, Spring Batch remote chuncking, Spring MVC, Kafka, REST services, microservices.**
* Experience in architecting enterprise applications in various doamins like ecommere, fintech, healthcare & telecom.
* Experience in deploying enterprise application using **Docker, Kubernetes & Terraform**. Setup **AppDynamics** performance tool for application server, UI and Database. Created **Jenkins pipeline** for **CI/CD**. Building and Deploying Java and Oracle ecommerce applications over **AWS Cloud, Linux, SunOS using Ant, Maven, Gradle, Ansible, Artifactory, Jenkins & Shell scripting**.
* **Migration experience** with migrating microservices from OpenShift version 3.11 to 4.0, Migrating monolith e-commerce application to micro services. Migrated Relational dataset to key-value documents.
* **Integration experience** in Integrating multiple third party payment systems like **PayPal, Data-Axle, cyber source, First data Gift card, Address validation, Tax System** across all relevant modules in e-commerce & fintech applications.
* Extensive Experience in implementing End to End E-Commerce applications including **content management, Cart & Checkout, Pricing, Promotions, Coupons, CyberSource Tax integration, User profile, Wishlist, Login, Registration, Payment integrations, multi shipping, abandoned orders, order management, fulfilment, merchandising, product catalog, pricing catalog, catalog feed**.­­­­
* Experience in working with Marketing team to help in finalizing the requirement & deciding MVP(minimum viable product) for upcoming pi planning. Performed POC & research to let marketing team know what is doable and what is not from probable business requirement. Played important role in finalizing symbiotic contract between organization and 3rd party API. Discussed & presented the third party vendor contract with Security & Compliance team.
* Participated in PI Planning, Pre, Post PI Planning, prioritizing the program backlog. Worked on Exploration and Architectural enablers. Worked with DevOps team to present development team expectation & priority in terms of build & deployment stories.
* Performed different roles like Software developer, Team lead, Technical Lead, Technical Architect, Lead Architect so far.
* Good knowledge of Enterprise Architecture, security, devsecops, design patterns & AWS ecosystem.

**Hands ON skills**

Java(version 5,6,7,8,9,11,17) Spring boot, Quarkus, Talend open studio, App Dynamics, AWS Terraform & Cloud Formation, Kubernetes, OpenShift, OpenShift deployment using RLM and Service Now Ansible scripts, Lucidspark, Lucidchart, RedHat 3Scale API, SAFe 5, Oracle ATG Ecommerce(11, 10, 9 and 7), Angular 16, Java script, Microservices, Jenkins ,ATG BCC, ATG Search, ATG-Endeca Integration, Endeca Experience Manager, JBoss, Web Sphere, Tomcat, Struts, Oracle (11g, 10g, 9i and 8i), SQL Server, Eclipse, STS, IntelliJ Idea, J2EE (Servlets, JSP, JSTL, Struts), Java Script, AJAX, jQuery, SVN, CVS, Gitlab, JIRA, BDD, TDD, BFF(Backend for frontend), GraphQL, Spring Batch.

**Education**

* AWS Certified Solutions Architect – Professional
* AWS Certified Security – Specialty
* Sun Certified Java Programmer SCJP
* Sun Certified Web Component Developer SCWCD
* Bachelor of Computer Applications from Indira Gandhi National Open University India, 2005
* Master of Computer Applications from Indira Gandhi National Open University India, 2007

**Experience**

*Verizon wireless, Irving Texas , Apr-2024 to Present*

*Sr. Consultant*

Migrating microservices from legacy system to SpringWebflux based reactive microservices and developing new services and Apis per business requirement. Creting new microservices using SpringBoot ,NodeJS, NextJS & Python.

Migrating existing Cobol based batch process to exchange more than 100 Million records monthly & 3 million records daily related to billing & payment between hybrid upstream and down stream systems to Spring Batch using Spring cloud data flow(Remote chunking), Java17, SpringBoot, Kafka.

**Skills**: Java 17 · Spring Webflux · spring cloud data flow · Amazon EKS · OpenShift · spring batch remote

chunking · Apache Kafka · NodeJS · NextJS · Python

*American First Finance, Coppell Texas , July-2021 to Mar-2024*

*Java-Ecommerce Architect/Software Engineer*

Developed headless payment gateway integration with several merchants ecommerce portals **│** Integrated payment gatewayin various ecommerce frameworks like BigCommerce, WooCommerce, Magento and different channels **│** Implemented Merchant specific APIs for prequalification, full application, Finalization processes using Springboot, NodeJS, NextJS, Python, microservices, Java, GraphQL and deployed microservices in AWS ECS, Fargate using CloudFormation.

Architected & developed Loyalty program implementation where repeated customers get promotions and coupons to use with their next purchase, free membership program for 1st year. Created API specific to Loyalty program which interacts with Order microservice and Userprofile microservice and keep track of number of order’s placed by user and total dollar amount and apply the Loyalty benefit on user login. Loyalty API link applicable customers to profile group called “Loyal customers”.

Implemented resilient and cost effective API integration with third party data services to resume from point of failure **│** developed 4 tier Fintech ecommerce application using Angular, WordPress (Headless CMS), Springboot, OpenShift, DB2 and AWS S3 **│** Developed the microservices data layer. Designed & developed the brand, category and product catalog based on SIC codes, created feed file and Integration architecture with third party data service, architected spintax content using microservices & WordPress, created architecture for decoupled integration between CMS and backend services, created audit service architecture for third party data service integration, created architecture for monthly usages report for third party data service **│** Worked with DevOps team to create OpenShift deployment plan, Jenkins pipeline to build container image, helped DevOps creating stories during PI Planning **│** Worked with third party vendor in finalizing symbiotic contract between AFF and vendor to use data from third party. Presented benefits of OpenShift scheduled services over enterprise schedulers **│** Worked with Marketing team in finalizing the design and architecture of fintech ecommerce enterprise application **│** Participated in PI Planning, Pre, Post PI Planning, Inspect & Adapt events, prioritizing the program backlog. Worked on Exploration and Architectural enablers **│** Prepared Architectural and presentation documents using Lucid chart, Lucid spark, confluence, MS excel and ppt.

**Skills:** Scaled Agile Framework · Microservices · Java17 · CI/CD · Spring Boot · Spring Batch · Kafka · REST APIs · Oracle, DB2 & Mongo Database · Jenkins · Docker · ELK · AWS · CloudFormation · BDD · BFF(Backend for frontend) · GraphQL · NodeJS · NextJS · Python

*Iris Software Inc, Irving Texas , Sr. Engineer, Mar-2021 to Jul-2021*

For client Citibank, Irving migrated microservices applications from OpenShift version 3.11 to 4.0, Involved in SSO SiteMinder migration to OpenShift version 4.0, Worked on various microservices implementation like Audit Trail using Java8, Docker, Microservices, API, Spring AspectJ, Jenkins and OpenShift. Prepared Technical design document and involved in Development and leading the offshore team.

**Skills:** Springboot · Microservices · OpenShift · Mango DB · Oracle · Jenkins · CICD · Artifactory · Confluence · Java 11 · Spring AspectJ · RLM · Docker · SonarQube.

*Mastek Inc, Dallas Texas, Technical Architect, Apr-2014 to Mar-2021*

Performed separate roles for following clients during my tenure with Mastek:

* [www.tillys.com](http://www.tillys.com) , **Sr. Developer/Oracle Ecommerce Architect**
* Verizon Enterprise Solutions, **Sr. Consultant**
* American Heart Association, **Sr. Developer/Ecommerce Architect**

Developed End to End Omnichannel E-Commerce application including content management, Cart & Checkout, Pricing, Promotions, Customer Loyalty, CyberSource Tax integration, User profile, Wishlist, Login, Registration, Payment integrations, gift card, promotions and versioned repository, Designed and developed microservice for Verizon UOTM, Designed and developed end to end Talend open studio-based Feed file-based project. Developed and deployed Jenkins pipeline on SunOS server in non-prod and prod. Migrated cronjobs from SunOs on-prem to Linux CentOS based OCI system. Developed order purge microservice using Java8, Angular, Docker, Kubernetes and Spring boot. Setup AppDynamics Application server agent, Database agent and UI agent for performance monitoring in non-prod and prod over SunOS. Setup production like server for Verizon XO migration project including WebLogic, IPlanet, Tomcat, SunOS, Oracle, Microsoft database, ESB, Rhythm Engine and other products. Created Jenkins build pipeline using Ansible and One Artifactory to deploy over Kubernetes based cloud deployment.

**Skills:** Talend open studio, AppDynamics, Ansible scripts, Jenkins, CICD, Spring boot, micro services, web services, Java 8, Struts, Java script, WebLogic 10.3, IntelliJ Idea, Oracle, SunOS, Super putty, Kubernetes, ATG 7, ATG11.1, Endeca, CyberSource.

*Sapient consulting private ltd , India, Sr. Associate level 2, Oct-2011 to Apr-2014*

Performed separate roles for following clients during my tenure with Sapient

* [www.anntaylor.com](http://www.anntaylor.com), **Java-Ecommerce Architect/Technology Lead**
* [www.bedbathandbeyond.com](http://www.bedbathandbeyond.com) , **Sr. Java-ATG Ecommerce developer**

**Skills:** Talend open studio, AppDynamics ATG 9.2, CA, BCC, CSC, ATG Search, jboss-eap-4.2, Oracle, and Java/J2ee,Unix, PMD, Check Style, Find Bugs, JIRA, AJAX, XML, JAXB, DMS, App Dynamics

*Professional access software development pvt ltd, System Analyst, Feb-2009 to Oct-2011*

Performed separate roles for following clients during my tenure with Professional Access.

* Affinion Group, Track Lead/Sr. developer
* [www.walgreenshealth.com](http://www.walgreenshealth.com) ,Sr. Java-ATG Developer/Tech Lead
* [www.walgreens.com](http://www.walgreens.com) , Java-ATG developer

**Skills:** Talend open studio . ATG 9.1, BCC, CSC, ATG-Search, WebLogic, Java, Oracle, Linux

*SAKSHYM SERVICES PVT. LTD , Software Engineer, Mar-2008 to Feb-2009*

Worked as full stack developer on a tour & travel based financial application <https://intramgazebo.com/>

**Skills:** Java, J2ee, Struts1.1, JBoss, Eclipse, JavaScript, Hibernate