

Srijal Joshi

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☎ (781) 240-9029

SUMMARY

Dynamic software developer experienced in leveraging cutting-edge technologies to deliver scalable enterprise web applications. Proficient with all phases of software development life cycle following Agile methodologies from requirements gathering to deployment.

SKILLS

Languages	Java, Kotlin, Python, JavaScript
Backend	Spring (Boot, Data, MVC, Security), JDBC, Hibernate/JPA, Node.js
Web	React.js, Web services, REST API, GraphQL, HTML, CSS, jQuery, AJAX
Databases	PostgreSQL, CassandraDB, Redis, MongoDB
Testing	JUnit, Mockito, Cucumber
Cloud	AWS (Certification), GCP(Cloud Run, Apigee, Memorystore), Serverless
Tools	Git, JMeter, Gradle, Maven, Swagger, Tomcat, Netty
CI/CD	OpenShift, Docker, Terraform, Tekton, Jenkins
Misc	Linux, Windows, MacOS, IntelliJ Idea, Jira, OAuth

EXPERIENCE

Ford Motor Company (Contract)

Dearborn, MI (Remote)

Software Engineer, CVFMA team

Jan 2022 - Aug 2022

- Define, Design, Develop, and Deploy applications/services and proof-of-concepts to support Connected Vehicle Feature Management (CVFMA) team
- Migrated monolithic Feature Package Service .NET application hosted in Azure to Microservices architecture in GCP using Java & Spring Boot
- Utilized technologies like REST and GraphQL to build performant backend APIs
- Performed load testing on REST and GraphQL APIs to detect bottlenecks and performance issues
- Drastically reduced response time of backend APIs from multiple seconds to two-digit milliseconds using caching with Redis
- Optimized performance and removed bottlenecks by tuning thread pools and using asynchronous design
- Strictly followed Extreme Programming (XP) practices like Test-Driven Development and Pair Programming to deliver functional and non-functional requirements
- Deployed scalable and available Cloud Native Application code using modern CI/CD practices and Docker containers
- Span multiple environments (Vehicle, Cloud, and Mobile) to support end-to-end feature delivery. Collaborated with global, cross-functional stakeholders

Apple Inc. (Contract)

Austin, TX (Remote)

Software Developer, Mobile Apps team

Mar 2021 - Jan 2022

- Designed and developed backend APIs in Swift to tap into internal cloud resource
- Migrated Storyboard based internal application to SwiftUI using MVVM design pattern – a reactive UI framework
- Automated batch processing jobs by utilizing cloud APIs therefore slashing QA manual work and wait time
- Implemented front-end UI as well as back-end and networking features in the iOS and MacOS platform
- Participated in code reviews and debugging of the different layers of multiple projects

Tata Consultancy Services Ltd

Edison, NJ

Software Engineer

Oct 2020 - Jan 2022

- Created highly modular RESTful microservices using Spring Boot and Spring Web MVC
- Implemented beautiful and responsive single page front-end UI using React and Redux
- Leveraged Hibernate ORM and native SQL queries in the data layer
- Utilized Docker to deploy and test multiple microservices
- Wrote unit and integration tests using JUnit and Mockito

Smart Labs and IT solutions

Kathmandu, Nepal

Software Developer

Aug 2017 - July 2018

- Developed REST-based web application using Java, Spring boot, Hibernate
- Worked on all phases of SDLC implementations including analysis, design, development, testing, maintenance and code-refactoring
- Built SOA Implementation using RESTful web services in Spring Boot. Consumed REST endpoints using React.js
- Developed highly responsive UI using HTML5, CSS3, Bootstrap, JSP, JavaScript, AJAX and jQuery

EDUCATION

Lamar University

Beaumont, Texas

Master of Science, Computer Science, 4.0

May 2020

Tribhuvan University

Kathmandu, Nepal

Bachelor of Engineering, Computer Engineering, Awarded full tuition scholarship

Oct 2016