

Srijal Joshi

SUMMARY

Dynamic software developer experienced in utilizing cutting-edge technologies to deliver scalable enterprise web applications. Familiar with the full software development life cycle following Agile methodologies from requirements gathering to deployment.

SKILLS

Languages: Java, Python, JavaScript, SQL, Bash, C/C++, Ruby

J2EE Tech: Spring – Boot, REST, Data, MVC, Security, Hibernate/JPA, JMS, Kafka, Servlet & JSP

Web: Angular, React.js, RESTful API, Web services, HTML, CSS, jQuery, AJAX, JSON

Databases: MySQL, PostgreSQL, Oracle, CassandraDB, Mongo

Testing: JUnit, Mockito, Jest

Tools: Docker, AWS–EC2, S3, RDS, ECS, GCP, Git, Maven, Jenkins, Tomcat

Misc: Linux, Android Development, Design Patterns, IntelliJ Idea, Eclipse

EXPERIENCE

The Home Depot (Contract)

Atlanta, GA

Software Engineer, VCT team

Sep 2022 - Present

- Full Stack Software Engineer in Supply Chain Data and Analytics area, working on Vendor Compliance product
- Help migrate Supplier Performance Management application from App engine to Google Kubernetes Engine
- Utilize Google cloud tools such as App engine, Cloud SQL, Bigquery.
- Front end development using Angular.
- Work across the tech stack from front end to backend as well as CI/CD pipelines.

Ford Motor Company (Contract)

Detroit, MI

Software Engineer, CVFMA team

Jan 2022 - Aug 2022

- Work as a Full Stack Software Engineer in CVFMA team to Define, Design, Develop, and Deploy applications/ services and proof-of-concepts to support Connected Vehicle Feature Management.
- Migrate monolithic Feature Package .NET application to Microservices architecture in Java.
- Grow technical capabilities/expertise and provide guidance to other members on the team and mobility Organization
- Work with team members to establish best practices to maximize efficiency and minimize risk.
- Ensure quality, on-time delivery using agile, test driven development principles.
- Collaborate with a balanced team of developers to deliver projects/features.
- Span multiple environments (Vehicle, Cloud, and Mobile) to support end-to-end feature delivery. - Collaborate with global, cross-functional stakeholders

Apple Inc. (Contract)

Austin, TX

Software Developer, Mobile Apps team

Mar 2021 - Jan 2022

- Designed and developed APIs in Swift to tap into internal cloud resource.
- Developed the frontend to test the backend APIs.
- Performed smoke and developer testing for applications in a pre-production testing environment.
- 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 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.
- Wrote reusable and scalable APIs by utilizing latest Swift language features and Design Patterns.
- Worked in an agile environment with regular standup meetings and status updates.

Tata Consultancy Services Ltd

Edison, NJ

Software Engineer

Oct 2020 - Present

- Built multiple in house web applications utilizing React, Java and Spring boot.
- Created Product Catalog project using Microservices architecture.
- Designed and wrote REST APIs in the backend using Java.
- Used React and Redux to tap into the backend and manage state of the webapps.
- Constructed database queries using native SQL as well as Hibernate ORM.
- Utilized Docker to deploy and test multiple microservices.
- Participate in Agile planning and grooming meeting to contribute in analyzing the requirement.
- Utilized Spring Data JPA along with Specification and Predicates to query database.
- Write and execute test cases for APIs using Junit

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 webservice in Spring Boot. Consumed REST endpoints using React.js.
- Developed highly responsive UI using HTML5, CSS3, Bootstrap, JSP, JSTL, JavaScript, AJAX and jQuery.
- Incorporated design patterns like Singleton, Proxy, MVC to build well designed applications.
- Utilized Agile methodologies from requirements gathering using user stories to implementation in various sprints.

EDUCATION

Lamar University

Beaumont, Texas

Master of Science, Computer Science, 4.0

May 2020

Relevant Courses: Algorithms, Software Engineering, Distributed Systems, Mobile Development, Advanced OS, Computer Vision, Computer Network

Tribhuvan University

Kathmandu, Nepal

Bachelor of Engineering, Computer Engineering, Awarded full tuition scholarship

Oct 2016