

Saurabh Trivedi

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Summary

Highly experienced and detailed-oriented developer with a strong record of excellent teamwork and developing a web application with scalability and maintainability in mind for high traffic situation. I believe that design thinking and intuitive approach to problem-solving is the key to organizational efficiency.

Education

Master of Science - Computer Science, San Diego State University, California, USA May-2019
Bachelor of Engineering - Information Technology, Gujarat Technological University, Gujarat, India May-2017

Technical Skills

Languages:	Java(proficient), C, C++, C#, Python, Swift, PHP, HTML5, CSS3
Web Technologies:	J2EE, Spring, Spring Boot, JSP, Servlets, REST API, Foundation, Bootstrap
JS Frameworks/Libraries:	JavaScript, TypeScript, Node, Express, Angular, jQuery, AJAX
Database:	MySQL, Hibernate, JPA, MongoDB, Redis, Firebase, NoSQL
Tools & Technology:	Android, iOS, Kafka, Selenium, Junit, Mockito, Maven, Gradle, Jira
CI/CD:	Google Cloud Platform, Amazon Web Services, Git, Jenkins, Docker, Kubernetes

Experience

Software Engineer | Blume Global, California, USA. Jun 2019 to Present

- Designed, developed and documented RESTful microservices for the Smart Contract using Spring Boot.
- Developed a common reusable audit framework using independent Spring boot application and deployed to the shared repository, it's JAR can be integrated using adding dependencies to any micro-service. That used across multiple teams at Blume resulting in JIRA task resolution time by over 25%.
- Made application simplified, maintainable and scalable by implementing rule engine using Drool.
- Created entity, relationship mapping and specification using Hibernate/JPA to optimize database queries.
- Designed and developed application components in agile environment utilizing a test-driven development approach.
- Prepared the test cases and planned the test data according to the business specification and defect management.
- Worked with the cross-functional team like Product & UI/UX to gather requirements for Shipment Services.
- Developed and maintain automated CI/CD pipelines for code deployment using Jenkins.
- Built and deployed Docker containers, using Git and Kubernetes on Google Cloud Platform.
- Improved existing API services to have idempotency by developing efficient algorithms and improved latency.
- Created common utility methods, clients, services, listeners, responses and exception handling mechanism.
- Front-end development of Rate Shopping in Smart Contract using Angular, SCSS.

Web Development Intern | Qualcomm Incorporated, California, USA. Jun 2018 to May 2019

- Full stack web developer responsible for the end-to-end development of Qualcomm Onboard Portal.
- Creating Onboard Portal user-friendly and responsive using Ajax, jQuery plugins, Foundation and Bootstrap.
- Create database schema to achieve functionality and efficiency of infrastructure also handle database operations.
- Data manipulation with encoding and decoding also securing using hashing algorithms, encryption and decryption.
- Train and provide documentation on various features and technology to maximize operational efficiency.
- Test and deploy websites with version controlling using Git on Qualcomm GitHub

Web Developer | Havmor, Gujarat, India. Jan-2016 to May-2017

- Developed large and complex web applications in IntelliJ IDEA using Spring, Spring Boot, Maven, JUnit.
- Collaborated with designers to create a clean interface and quality user experience with Angular & TypeScript.
- Complete detailed development task for front-end and back-end side of web applications using RESTful APIs.
- Performed Unit and Integration testing of the newly developed module by creating test plans, test cases, and scripts.

Project Intern | Renaissance Educare, Gujarat, India. Aug-2015 to Apr-2016

- Created an online Practice Test (GRE340) for Renaissance Educare using JSP and Servlets.
- Designed, developed and enhanced the look and feel using HTML, CSS and JavaScript, jQuery and Ajax.
- Gathered requirements in the early stages of the development process to build architecture for GRE340.
- Identified, documented and reported bugs, errors, interoperability flaws also executed unit test cases in JUnit.

Workshop & Certification

Server-side Development with NodeJS, Express and MongoDB | The Hong Kong University

Design Patterns | University of Alberta

Cyber Security Workshop | Alpha College of Engineering and Technology