

Devu Viswanath Suma

SOFTWARE ENGINEER

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SUMMARY

Software Engineer with 3+ years of industry experience in software development with a passion for developing innovative programs that expedite the efficiency and effectiveness of organizational success. Exceptional communicator with strong interpersonal skills and capable of conveying technical solutions across all organizational levels. Known for rapid learning and the ability to understand complex applications from source code. A critical thinker, creative problem-solver, and natural leader who mentors and promotes teamwork.

KEY SKILLS

JAVA, APACHE TOMCAT, JDBC, SERVLETS, JSP, JAVASCRIPT, TYPESCRIPT, REACT.JS, ANGULAR 8+, RXJS, ANGULAR MATERIAL, REACTIVE FORMS, NODE.JS, EXPRESS.JS, NPM, WEBSOCKETS, RELATIONAL & NOSQL DATABASES, AWS, CI/CD, DOCKERS, RESTFUL WEBSERVICES, FIREBASE, AGILE, POSTMAN, REDIS CACHE, STRIPE, SENDGRID, JSON, UNIT TESTING, JASMINE, JUNIT

Technologies and Frameworks – HTML5, CSS3, jQuery, Bootstrap

Database and Tools – MySQL, SQL Server, Oracle, MongoDB, PostgreSQL

Domain – Ecommerce, Real Estate

DevOps tools – Jira, Azure DevOps

Version Control – GIT

EXPERIENCE

Work Integrated Learning Project; Lambton College, Canada May 2023 to August 2023

Project – **Full-stack Developer, Mobile Security Services**

Technology Stack: MERN Stack

Responsibilities

- ☐ Evaluated system requirements and implemented multi-tiered web application to meet client requirements.
- ☐ Prepare documents and maintain software functionality, develop flowchart, layout, and documentation to identify requirements and solutions..
- ☐ Built the application from scratch.
- ☐ Implemented authentication and authorization by using JWT Web Tokens.
- ☐ Integrated google app password for implementing forgot and reset password functionality.
- ☐ Implemented payment module using Stripe payment gateway service.
- ☐ Created RESTful web services and API's and integrated with client side.
- ☐ Implemented Redis cache for better performance.

- ❑ Worked on bug fixing.
- ❑ Conducted manual testing and documentation of test results.
- ❑ Conducted meeting with team members and assigned tasks.

Innovation Incubator Advisory Pvt Ltd; Kerala, India

July 2019 to November 2021

Project 1 – Software Engineer, EquipSnap

Technology Stack: Angular 8, Typescript, Node.js, Express.js, PostgreSQL, CSS

Responsibilities

- ❑ Working closely with other developers, UX designers, business teams, data teams, system analysts in researching, designing, implementing, and managing software programs
- ❑ Coordinating requirements, contributing to team meetings; troubleshooting development and production problems across multiple environments and operating platforms.
- ❑ Participated in daily scrum meeting and sprint planning.
- ❑ Worked in an agile environment and ensured completion of each sprint.
- ❑ Maintained and optimized application, eliminating over 50 bugs and improved efficiency by 50% based on user stories, requirements, and design specification.
- ❑ Developed Responsive web pages for mobile, tablet and desktop using fluid grid system and CSS media queries.
- ❑ Used NPM for installing required nide modules and other published Angular npm modules.
- ❑ Write clean, modular, and testable code using TypeScript and RxJS.
- ❑ Worked on REST/Web APIs to create the service and tested on Postman and used in Angular.
- ❑ Integrate third-party services using HTTP and WebSocket Protocols
- ❑ Restructured back-end APIs integrated with front-end code resulting in better and faster website experience.
- ❑ Changed website CSS to optimize buyer experience and decrease poor level of user click-through.
- ❑ Developed the notification module from scratch using Firebase Realtime database technology.
- ❑ Implemented and updated application modules under the direction of Senior Developers
- ❑ Integrated SendGrid API to improve email delivery and engagement for customer communication.
- ❑ Participated in code review with product team and gained feedback from senior developers in writing custom and scalable code.
- ❑ Implemented Automated testing using Jasmine.

Project 2 – Software Engineer, Prospekt

Technology Stack: Angular, JavaScript, Nodejs, HTML 5, CSS

Responsibilities

- ❑ Developed, tested, and debugged application based on user stories, requirements, and design specification.
- ❑ Working closely with client and business team in an agile environment
- ❑ Collaborated with a team of developers to refactor and improve the maintainability of an existing codebase, resulting in a 40% reduction in bug- related delays and a 25% increase in overall code quality.
- ❑ Actively participate in daily status meeting and weekly agile scrum sprint planning
- ❑ Analyzed and optimized performance bottleneck in existing system.
- ❑ Considered security, maintenance, scalability and many more while developing.
- ❑ Wrote and executed unit tests and integration tests for the web application, resulting in a 30% reduction in bug-related delays and a 15% increase in overall code quality.
- ❑ Developed and implemented a new RESTful API using Node.js.

Revolve 314 Digital Solutions; Trivandrum, Kerala

June 2018 to July 2019

Junior Software Engineer

Technology Stack: JAVA, HTML, CSS

Responsibilities

- ❑ Assisting the Senior developers with all aspects of software design and development
- ❑ Performed various support and maintenance activities across various projects ranging from regular maintenance updates to new feature additions.
- ❑ Identifying areas for modification in existing programs and subsequently developing these modifications
- ❑ Writing and implementing efficient code
- ❑ Maintaining and upgrading existing system
- ❑ Worked on minor and major bug fixes.
- ❑ Build and deployed CI/CD pipelines.
- ❑ Create containers in Docker.
- ❑ Participated in code review and quality assurance activities.
- ❑ documented every step of software development for future reference

ACADEMIC QUALIFICATIONS

- ❑ 2023 **Post Graduate Diploma** in Computer Software and Database Management, Lambton College, Canada
- ❑ 2018 **Bachelor of Technology** in Computer Science and Engineering from Cochin University of Science and Technology, Kerala

LINKS



GitHub

<https://github.com/devuviswanath>



<https://devuviswanath.github.io/>
