

Devu Viswanath Suma

SOFTWARE ENGINEER



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SUMMARY

Software Engineer with 3+ years of experience in software development with a passion for developing innovative programs that expedite the efficiency and effectiveness of organizational success. Supervisors have regularly recognized my dedication and desire for success as an individual contributor and team player. Successfully designed and implemented multi-tier applications and services.

KEY SKILLS

REACT, ANGULAR, NODE.JS, EXPRESS.JS, NPM, JAVASCRIPT, TYPESCRIPT, RELATIONAL & NOSQL DATABASES, RESTFUL WEBSERVICES, FIREBASE, AGILE, POSTMAN, REDIS CACHE, STRIPE, SENDGRID

Technologies and Frameworks – HTML5, CSS, jQuery, Bootstrap

Database and Tools – MySQL, MS SQL, 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.
- ☐ Developed requirements documents.
- ☐ 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.

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.
- ☐ 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.
- ☐ Worked on REST/Web APIs to create the service and tested on Postman and used in Angular.
- ☐ 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.

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.
- ☐ 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.

Junior Software Engineer**Technology Stack:** PHP, Concrete5, MySQL, 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.
- ❑ 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



<https://github.com/devuviswanath>



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