

DEVU SUMA

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SUMMARY

Software Developer with strong expertise in full-stack development and a proven ability to design, develop, and implement scalable software solutions. Adept at leveraging cloud-native technologies, ensuring secure coding practices, and collaborating effectively within cross-functional teams to deliver high-quality applications.

- Proficient in JavaScript/TypeScript, Node.js, and React with a solid understanding of data structures, algorithms, and best coding practices.
- Experienced in cloud-native application development and security protocols, including OAuth and, encryption
- Skilled in REST APIs, and hands-on work with both relational and NoSQL databases to develop data-driven applications.
- Adept at gathering requirements, documenting business rules, and ensuring alignment between technical solutions and business objectives.
- Strong communicator, collaborating effectively with cross-functional teams, contributing to innovation workshops, and providing detailed technical documentation.
- Committed to continuous learning, problem-solving, and delivering quality software in fast-paced Agile environments.

EDUCATION

Ontario College Graduate Certificate, Lambton College, Mississauga, Canada January 2022 -August 2023
Computer Software and Database Development

Cochin University of Science and Technology, Kerala, India July 2014 - May 2018
Bachelor of Technology (Computer Science and Engineering)

EXPERIENCE

Full-Stack Developer, Lambton College Mississauga, Canada
Work Integrated Learning Project May 2023 - August 2023

- Evaluated system requirements and implemented multi-tiered web applications, ensuring alignment with client specifications.
- Developed responsive, user-friendly interfaces using React.js, enhancing user engagement across multiple web applications.
- Implemented state management with Redux, optimizing application performance and maintaining global state efficiently.
- Designed and implemented RESTful APIs with Node.js and Express, facilitating seamless frontend-backend communication.
- Utilized Material-UI to enhance the visual appeal and usability of web applications, improving user experience.
- Integrated Stripe API for secure payment processing, streamlining online transactions and improving user trust.
- Employed Redis caching techniques to reduce database load and accelerate data retrieval, boosting overall application performance.
- Managed database operations with MongoDB and Mongoose, ensuring efficient data storage, retrieval, and integrity.
- Utilized Git for version control, collaborating effectively with team members to manage code changes and maintain project stability

Software Engineer, Innovation Incubator Advisory Pvt Ltd Kerala, India
July 2019 - September 2021

- Developed dynamic and responsive web applications using Angular, ensuring optimal user experiences across devices and platforms.
- Built scalable API services with Node.js, Express, and TypeScript, improving backend performance and system efficiency.
- Implemented responsive layouts with Bootstrap, contributing to consistent, user-friendly interfaces across applications.
- Utilized RXJS for managing asynchronous data streams, enhancing application responsiveness and overall performance.
- Integrated third-party APIs, extending application functionality and enriching user experiences.
- Applied design system principles to ensure UI consistency and streamline design across applications.

- Wrote clean, maintainable, and scalable code, effectively delivering small to medium complexity features.
- Executed unit and end-to-end tests, ensuring high code quality, reliability, and maintainability.
- Leveraged Git for version control, efficiently managing branching, merging, and collaborative development efforts.
- Documented coding standards and best practices, providing clear guidelines to maintain consistent development practices within the team.
- Collaborated in daily stand-ups, sprint planning, and code reviews to maintain alignment with project goals and ensure timely delivery.

Junior Software Engineer, Revolve 314 Digital

Kerala, India
June 2018 – July 2019

- Collaborated with subject matter experts to establish development environments and build robust applications using JavaScript/TypeScript, Node.js, and React.
- Assisted in designing, developing, and implementing enterprise, cloud, web, and database applications based on high-level business requirements.
- Diagnosed and resolved technical issues across the product portfolio, including data transformations, third-party integrations, and front-end/backend technologies.
- Conducted interviews with subject matter experts to gather and document detailed business rules for accurate application development.
- Participated in innovation sessions and generated creative solutions to address business challenges and capitalize on opportunities.
- Created wireframes, prototypes, and minimum viable products to test solutions and present findings to clients and stakeholders.
- Supported communications efforts by developing presentations, marketing materials, and graphic designs for internal and external purposes.
- Ensured the accuracy and reliability of applications by implementing automated tests and adhering to secure coding practices.

SKILLS

Key Skills: JavaScript, TypeScript, Java/Java EE, JSP, Servlets, JDBC, HTML5, CSS3, jQuery, Bootstrap, Angular7+, React, Node JS, Express Js, WebSocket, OAuth, Node Package Manager (npm), Apache Tomcat, JSON, Object Oriented Programming, SQL, RESTful APIs, Unit Testing Frameworks (Jasmine, Karma), Amazon S3

Tools and technologies: Jira, Azure DevOps, Bit-Bucket, GitHub, Git

Database and Tools: Relational and NoSQL Databases- MySQL, SQL Server, Oracle, PostgreSQL, MongoDB

IDEs: Visual Studio, Visual Studio Code, NetBeans, Eclipse, PyCharm

Others: Agile/Scrum, Web Services, Microservices, CI/CD, Test-Driven Development (TDD) Postman, Firebase, Stripe, Redis Cache
