

Professional Summary

Results-driven Software Engineer with over 2 years of experience in backend and frontend development, specializing in React, REST APIs, and SQL databases. Skilled in designing and optimizing performance-sensitive applications to deliver fast, scalable solutions. Proficient in building React-based UIs, implementing performance optimization techniques, and utilizing Agile methodologies to ensure iterative, high-quality product delivery. Passionate about collaborating with cross-functional teams to build user-centric applications, drive system improvements, and enhance overall application performance. Currently pursuing a Master’s degree in Applied Computer Science, seeking to apply my technical expertise and continuous learning mindset to further contribute to innovative software engineering projects.

Work Experience

Simform Solutions	Dec 2021 - Nov 2023
Software Engineer	Ahmedabad, India
<ul style="list-style-type: none">Enhanced API performance in performance-sensitive applications by implementing optimized query handling, caching, and load balancing, reducing response times by 35%, leading to faster data retrieval and improved user experience.Optimized complex SQL queries and database design, using MySQL indexing, PostgreSQL optimization, and MongoDB aggregation pipelines, reducing latency by 30%, ensuring scalable, high-performance applications.Developed and automated CI/CD pipelines with GitHub Actions and GitLab CI, reducing deployment time by 50%, improving release cycle efficiency, and reducing manual interventions.Utilized AWS CloudWatch to monitor application performance, optimize server-side processing, and reduce infrastructure costs by 20%, ensuring resource utilization and maintaining system performance during high demand.Led system reliability efforts by debugging production issues and using log analysis and tracing, ensuring high availability and minimal service interruptions.Implemented comprehensive unit and integration testing using JUnit, Mockito, and Espresso, achieving 60% higher test coverage, which led to fewer production defects and smoother releases.Designed and optimized data pipelines, handling structured and unstructured data (CSV, JSON, REST APIs), reducing processing overhead by 40% and improving overall system efficiency.Refactored legacy codebases to resolve technical debt, improve maintainability, and reduce bugs by 40%, increasing overall application reliability.Collaborated with cross-functional teams in an Agile (Scrum) environment, including UI/UX designers and product managers, to deliver React-based UI components, ensuring seamless integration and enhancing user satisfaction.Participated in code reviews, mentored junior developers, and ensured adherence to best practices for cleaner, more maintainable code which improved code quality by 75%	

Technical Skills

Programming: JavaScript, TypeScript, Java, Kotlin, Swift, Python
Frontend: ReactJS, Angular, HTML5, CSS3, Bootstrap, TailwindCSS
Backend: Node.js, Spring Boot, REST APIs, Express.js
Databases: MySQL, PostgreSQL, MongoDB
DevOps & Cloud: Docker, Kubernetes, AWS, Azure, GCP, CI/CD
Testing & Tools: JUnit, Cypress, Postman, GitHub, GitLab CI
Soft skills: Strong communication, Problem solving, Teamwork and collaboration, Observability, Analytical, Critical thinking, Self-motivated, Ability to learn continuously

Education

Dalhousie University	Jan 2024 - Sep 2025
Master of Applied Computer Science (Co-op Candidate) GPA: 4.07/4.3	Halifax, Canada
Charusat University	Jun 2018 - Apr 2022
Bachelor of Computer Engineering GPA: 8.7/10	Gujarat, India

Projects

ServiceHub Source Code	ReactJS Spring Boot (JAVA) MySQL
<ul style="list-style-type: none">Developed a scalable web application using ReactJS, implementing modular UI components for a seamless user experience. Integrated lazy loading and performance optimizations, reducing page load time by 40%.Applied Object-Oriented Programming principles (e.g., classes, objects, inheritance) to design modular and reusable code for the backend, ensuring maintainability and scalability.Architected backend using Java Spring Boot and integrated it with a ReactJS frontend, achieving 99.9% uptime and enabling seamless real-time interactions among over 1,000 active users.	
K8s Microservices Source Code	Spring Boot (Kotlin) Kubernetes Docker CloudBuild
<ul style="list-style-type: none">Implemented Kubernetes-based microservices architecture, creating a highly available system with two Spring Boot containers, ensuring secure communication and fault tolerance between services.Deployed microservices using Kubernetes and automated deployment processes with CloudBuild, improving deployment speed and scalability by 40%.Worked with Docker containers to facilitate easy application deployment, increasing the speed of testing and production cycles while ensuring a consistent environment across development and production.	