

Professional Summary

Software Engineer with 2+ years of experience building and optimizing scalable, high-performance backend systems. Proficient in Java, Kotlin, Python, Spring Boot, and Node.js, with expertise in distributed systems, RESTful APIs, microservices architecture, and cloud infrastructure (AWS, Kubernetes, Docker). Strong problem-solver with a deep understanding of system design, performance tuning, and fault-tolerant backend services. Currently pursuing a Master’s in Applied Computer Science at Dalhousie University, focusing on backend system scalability and cloud computing.

Technical Skills

Backend Development: Java, Kotlin, Python, Spring Boot, Node.js, Microservices, RESTful APIs
Cloud & DevOps: AWS (EC2, S3, Lambda, IAM), Azure, Kubernetes, Docker, CI/CD (GitHub Actions, GitLab CI)
Databases: PostgreSQL, MySQL, MongoDB, Firebase
System Design & Performance: Scalable Architecture, Distributed Systems, Fault Tolerance, API Optimization
Other: Git, Postman, Agile Methodologies, Debugging & Performance Optimization
Soft skills: Strong communication, Problem solving, Teamwork and collaboration, Interpersonal skills, Attention to detail, Critical thinking, Innovation, Ability to learn continuously, Task Management

Work Experience

Simform Solutions	Dec 2021 - Nov 2023
<i>Software Engineer</i>	<i>Ahmedabad, India</i>
<ul style="list-style-type: none">Scaled backend systems to handle 5M+ API requests per day, improving request handling efficiency by 40% through optimized caching and database indexing.Reduced API response times by 60% by refactoring backend logic, implementing asynchronous processing, and optimizing database queries, improving user experience for high-traffic applications.Led the migration of monolithic services to microservices architecture, improving system scalability and reducing downtime by 45%.Developed and deployed a fault-tolerant, high-availability system, ensuring 99.98% uptime by leveraging Kubernetes-based auto-scaling and distributed load balancing.Reduced deployment failures by 50% by designing CI/CD pipelines (GitHub Actions), automating build, test, and deployment workflows.Refactored legacy backend codebases, implementing best practices in system design and modularization, leading to 30% faster feature development.Optimized PostgreSQL queries, reducing database load by 35% and improving response times for critical services.Collaborated with cross-functional teams, improving feature delivery efficiency by 30% through effective sprint planning and backlog prioritization.Integrated logging and monitoring (Prometheus, Grafana, ELK Stack), reducing mean time to resolution (MTTR) by 50% and improving system observability.Designed and enforced API rate limiting mechanisms, reducing service abuse and maintaining system stability under heavy traffic.	

Education

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

Projects

ServiceHub <i>Source Code</i>	ReactJS Spring Boot (JAVA) MySQL
<ul style="list-style-type: none">Designed and built a scalable web application for service providers and requesters, integrating e-signed contracts and feedback systems, resulting in a 20% increase in user engagement by enhancing user trust and interaction flow.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.Enhanced system security by implementing JWT-based authentication and role-based access control (RBAC), reducing unauthorized access incidents by 30%.	
K8s Microservices <i>Source Code</i>	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.	