

Objective

Passionate software engineer with expertise in full-stack development, Android, and iOS applications. Skilled in designing scalable solutions and optimizing performance across frontend and backend technologies. Seeking a co-op opportunity to contribute to fast-paced software development initiatives while expanding my expertise in cloud-native microservices architecture.

Technical Skills

Programming Languages: Kotlin, Swift, Java, JavaScript, TypeScript, Python, C# (Basic)
Frontend development: ReactJS, Angular, HTML5, CSS3, Bootstrap, TailwindCSS
Backend development: Node.js, Spring Boot (Java/Kotlin), REST APIs, Python (ETL, Data Processing)
Databases: MySQL, MongoDB, SQLite, PostgreSQL
Cloud & DevOps: AWS, Firebase, GitHub Actions, GitLab CI, Docker, Kubernetes
Testing & Version Control: JUnit, Mockito, Espresso, Cypress, Git (GitHub, GitLab)
Tools & Frameworks: Retool, AWS Amplify, CI/CD Pipelines, Agile Kanban
Soft skills: Strong communication, Problem solving, Teamwork and collaboration, Adaptability, Attention to detail, Critical thinking, Time management, Ability to learn continuously

Work Experience

Simform Solutions	Dec 2021 - Nov 2023
Software Engineer	Ahmedabad, India
<ul style="list-style-type: none">Developed and maintained full-stack applications using Kotlin, Swift, ReactJS, and Node.js, delivering high-performance solutions that enhanced user experience and engagement.Designed and implemented RESTful APIs using Spring Boot and Node.js, improving API response times by 35% through optimized query handling and caching mechanisms.Led the integration of SQL (MySQL, PostgreSQL) and NoSQL (MongoDB) databases, ensuring efficient data storage and retrieval, reducing query latency by 30%.Built CI/CD pipelines with GitHub Actions and GitLab CI, automating deployments and reducing production deployment time by 50%.Refactored legacy codebases and resolved technical debt issues, increasing maintainability and reducing bug occurrences by 40%.Worked in an Agile Kanban environment, collaborating with cross-functional teams to deliver features iteratively with continuous testing and integration.Monitored application performance using AWS CloudWatch and optimized server-side processing, leading to a 20% reduction in infrastructure costs.Debugged and resolved production issues using log analysis and tracing, improving system uptime and reliability.	

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.	
ETL on Tweets Data Source Code	ETL OpenCSV MySQL GCP
<ul style="list-style-type: none">Built a distributed transaction system using Java, enabling dynamic redirection of queries across multiple MySQL VMs in GCP, supporting seamless ETL processes for efficient data processing and real-time interactions.Implemented horizontal and vertical data fragmentation techniques for a distributed MySQL database ("SocialMedia"), optimizing query performance and ensuring scalability in a cloud-based environment.Integrated and processed a large dataset of tweets from Kaggle, automating the ETL pipeline and enhancing system reliability, while ensuring robust and scalable backend architecture that aligns with distributed database management best practices.	