

Professional Summary

Software Developer with a strong foundation in backend development, API design, cloud-based solutions, and web technologies. Proficient in Java, Python, React, and modern object-oriented programming languages. Passionate about leveraging technology to solve complex problems, building scalable applications, and working collaboratively in Agile teams to create high-quality software. Eager to contribute to real-world projects while continuously learning and growing as a software engineer. Driven by a curiosity for technology and committed to delivering high-quality solutions in collaborative environments.

Technical Skills

Programming languages: Java, Python, JavaScript, TypeScript, Kotlin, Swift, SQL
Frontend development: React.js, Next.js, HTML5, CSS3, AJAX
Backend development: Spring Boot (Java/Kotlin), Flask, FastAPI, Node.js, RESTful APIs
Databases: PostgreSQL, MySQL, MongoDB
Cloud & DevOps: Docker, Kubernetes, GitHub Actions, GitLab CI
Agile & Tools: Scrum, JIRA, Test-Driven Development (TDD), Git
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
<i>Software Engineer</i>	<i>Ahmedabad, India</i>
<ul style="list-style-type: none">Developed and optimized RESTful APIs using Spring Boot (Java/Kotlin), achieving a 40% reduction in response times, improving the scalability of applications used by enterprise clients.Collaborated in an Agile development team to design and maintain backend services using Spring Boot (Java/Kotlin), improving API efficiency by 35% and enabling real-time data processing.Worked alongside cross-functional teams to prioritize tasks, participate in pair programming, and deliver high-quality software features on time.Tested and debugged production-level issues proactively, reducing failure rates by 50%, while ensuring code quality and system reliability through Test-Driven Development (TDD) practices.Integrated CI/CD pipelines with GitHub Actions and GitLab CI, improving deployment speed by 50% and reducing manual intervention, enabling faster release cycles.Communicated effectively with product managers, engineers, and stakeholders, ensuring that features met business requirements and end-user needs.	

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">Developed a scalable web application using ReactJS and Spring Boot (Java) in an Agile team environment, implementing modular UI components and optimizing performance 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 <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 in an Agile environment.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 <i>Source Code</i>	JAVA OpenCV 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.	