

Professional Summary

Detail-oriented and adaptable Software Engineer with 2 years of experience in Python, SQL, backend development, and mobile applications. Skilled in data pipeline design, backend systems using Python and Node.js, and building cloud-based solutions on Microsoft Azure. Experienced with relational databases (PostgreSQL, MySQL), and creating dynamic dashboards for data visualization. Currently pursuing a Master of Applied Computer Science with a focus on cloud computing and data management. Eager to contribute to data-driven software development in a collaborative co-op role.

Skills

Languages: Python, JavaScript (Node.js, React), SQL (PostgreSQL, MySQL, MariaDB), Kotlin, Swift

Backend & Web Development: Node.js, FastAPI, Flask, REST APIs

Frontend & Visualization: ReactJS, graph/data visualization libraries, Power BI

Database Management: PostgreSQL, MySQL, MariaDB, data modeling, query optimization

Cloud Platforms: Microsoft Azure, Databricks

Data Engineering: ETL pipelines, data integration, automation, reporting

Other Tools: Git, Excel, Agile methodology

Soft skills: Problem solving, Strong business and personal communication, Analytical thinking, Excellent organizational skills, Self-starter, Teamwork, Adaptability, Attention to detail, Critical thinking, Time management, Quick learner

Work Experience

Simform Solutions	Dec 2021 - Nov 2023
Software Engineer	Ahmedabad, India
<ul style="list-style-type: none">Engineered backend systems using Python and REST APIs, automating manual workflows which led to a 60% reduction in operational time for internal tools.Designed and deployed ETL pipelines to collect, transform, and load data from multiple sources, resulting in a 40% improvement in processing speed and cleaner datasets for reporting.Built mobile data collection apps with React Native, Swift, and Kotlin, enabling real-time field data capture and improving reporting accuracy by over 30%.Optimized SQL queries and database schemas in PostgreSQL and MySQL, reducing report generation time by 50% and enhancing data accessibility.Migrated legacy apps to Microsoft Azure, enabling scalable cloud infrastructure, reducing system downtimes, and improving app performance by 35%.Developed dynamic Excel + Python-based reporting tools, cutting manual data aggregation time by 70% and boosting team productivity.Conducted unit testing and QA for mobile and web applications, which led to a 25% decrease in bugs and improved cross-platform compatibility.Worked cross-functionally with design, QA, and business teams to gather requirements, document systems, and ship features on time.	

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

Minimalistic HTTP Server with Node.js	JavaScript (Node.js) REST API System Integration
<ul style="list-style-type: none">Developed a lightweight HTTP server by implementing custom request handling, routing, and response management, enabling efficient server-client communication via RESTful APIs.Improved API response times by 25% by optimizing asynchronous processing and request handling, leading to faster data delivery and improved system performance.Ensured API reliability by testing endpoints using Postman, identifying and fixing potential request failures before deployment.	
ServiceHub Source Code	ReactJS Spring Boot (JAVA) MySQL
<ul style="list-style-type: none">Developed a scalable web application using ReactJS and Spring Boot, optimizing frontend performance by 40% through modular UI components and enhancing user experience.Applied Object-Oriented Programming (OOP) principles to design maintainable backend systems, achieving 99.9% uptime for over 1,000 active users.Implemented RESTful APIs to enable seamless communication between the frontend and backend. Implemented JSON and XML parsing for seamless data exchange.	
Projects Investment Data Automation	Python SQL Azure PowerBI
<ul style="list-style-type: none">Automated financial data aggregation and reporting, using python and sql, cutting down manual data processing time by 60% and improving overall data accuracy.Integrated Azure Cloud services to enable real-time data processing, ensuring optimal resource allocation and cost-efficient operations.Developed interactive Power BI dashboards, providing real-time insights into financial trends and investment performance, enhancing data-driven decision-making.	