

Farhan Rahmoon



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Website QR

SUMMARY

Software Developer with a Bachelors of Computer Science and 3 years of experience building full-stack applications with Python, C++, and SQL. Delivered significant performance gains by reducing application build size by 65% and scaled internal tools to support 500+ engineers. Seeking a challenging role focused on building high-performance systems.

EDUCATION

Simon Fraser University

Jan 2021 - May 2025

Computer Science - Bachelor of Science

Burnaby, BC

• Volunteer: Community Leader at Data Science Society, facilitated several technical workshops, and mentored peers

EXPERIENCE

Motorola Solutions

Sep 2023 - May 2024

Software Developer - Python, React JS, Docker, Kubernetes, AWS EC2, Jira, Git (GitHub)

Vancouver, BC

- Architected a Python/React portal to save 10+ hours weekly for 500+ engineers by automating developer workflows
- Implemented enterprise-wide security using Okta for Single Sign-On (SSO) and Role-Based Access Control (RBAC)
- Accelerated development and cut deployment errors by 95% by building a CI/CD pipeline with GitHub Actions

PayByPhone Sep 2021 - Apr 2022

Software Developer - React JS, C#, Python, Amazon Web Services, Jira, Git (GitLab)

Vancouver, BC

- Engineered an AWS data pipeline (Kinesis, Lambda) to process over \$1.3M in transactions for live analytics
- Slashed initial page load time by 40% by reducing the React Webpack bundle size by 65% (17 MB)
- Reduced post-deployment bugs by implementing an E2E testing suite (Puppeteer) achieving 85% coverage

NEOMARS Sep 2020 - Aug 2021

Software Developer - Python, JavaScript, Jira, Git (GitLab)

Burnaby, BC

- Developed a key customer-facing module for geospatial data analysis, integrating with Mapbox GL JS
- Reduced average API response time by 60% through SQL query optimization and implementing a Redis cache
- Deployed a Python microservice to serve a live ML model, powering a new predictive analytics feature

Robokids May 2021 - Aug 2021

Python Instructor - Python, Scratch, Git (GitHub)

Burnaby, BC

- Mentored a cohort of 15 students in foundational Python, data structures, and algorithms
- Guided all students to successfully complete a final capstone project, achieving 100% course completion

PROJECTS

Moonath (https://moonath.com/) - Python, Spacy, HTML, CSS, JavaScript, MySQL, AWS EC2

Jan 2023 - Present

- Crafted a portfolio-tracking desktop application that allows users to view real-time financial data and news
- Implemented an NLP model using Spacy for voice navigation, streamlining user experience and reducing UI reliance

FoodieHub - JavaScript, Node.js, HTML, CSS, MongoDB

Jan 2021 - Apr 2021

- Designed a professional website with a dashboard that allows users to add restaurants, products, and reviews
- Incorporated the Model-View-Controller (MVC) methodology, contributing to better code structure and readability

TECHNICAL SKILLS

Languages: Python, JavaScript, Java, C++, HTML/CSS

Frameworks & Libraries: React.js, Node.js, Spacy, Puppeteer, Selenium, Pandas, Django, Matplotlib, Tkinter

Databases: MySQL, Microsoft SQL Server (TSQL), MongoDB (NoSQL)

Other Skills: Docker, Kubernetes, Jenkins, REST APIs, Git, GitHub Actions, Jira, Amazon Web Services (AWS), XML, RPA