

Homayoun Khoshi

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Education

Simon Fraser University

Bachelor of Science in Computing Science

Expected Graduation: May 2028

Burnaby, BC

British Columbia Institute of Technology

Diploma in Computer Systems Technology (Database Option)

Dec 2025

Burnaby, BC

Experience

Full Stack Developer

CJSF 90.1

May 2026 – Present

Vancouver, BC

- Designed 11 responsive page layouts and 15 reusable UI components in Figma, incorporating feedback from 8 stakeholder review sessions.
- Defined application architecture and Git development workflows to support maintainable, ongoing feature development.
- Migrating a legacy Drupal website to Next.js and Strapi, rebuilding 10 pages and implementing 5 full-stack features using JavaScript and REST APIs.

Full Stack Developer – Contract Flow Solutions

BCIT Industry Project 1

Apr 2025 – Jun 2025

Vancouver, BC

- Developed a Microsoft Word add-in supporting 3 contract review and annotation features using TypeScript, Node.js, and Microsoft Office APIs.
- Delivered a functional prototype through 4 development iterations, translating industry sponsor feedback into product improvements.

Projects

ChangeScope | React, TypeScript, JavaScript, HCI Research

- Developing a React and TypeScript tool that helps programmers evaluate suggested code edits through behavioural predictions and side-by-side execution.
- Designing a within-subjects study comparing 3 review conditions to measure edit-decision accuracy, explanation quality, usability, and perceived effort.

Skillmatch | React, Microservices, REST APIs, Hugging Face ML

- Developed a React job-matching application integrating a Hugging Face machine-learning model to match applicant skills with relevant postings.
- Architected 3 RESTful microservices connecting the frontend, application logic, and ML inference, enabling independent deployment and modular development.

Linux Shell | C, Unix, Process Management

- Built a Unix-style command-line shell in C supporting 5 built-in commands, background execution, and process management using POSIX system calls.
- Implemented SIGINT signal handling and foreground/background job control using operating-system process APIs.

Certifications

AWS Certified Cloud Practitioner

Jul 2024

Technical Skills

Languages: Java, Python, C, JavaScript, TypeScript, SQL, R

Libraries & Frameworks: React, Next.js, Node.js, Tailwind CSS, Strapi, REST APIs, Microservices

Developer Tools & Technologies: Git, AWS, Azure, Docker, Linux, JUnit, Postman, Figma, SDLC, MySQL, MongoDB, SQL Server, PostgreSQL