

# Terry Kwok

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## TECHNICAL SKILLS

**Languages:** JavaScript, TypeScript, Python, SQL, Java, C++, Rust, HTML, CSS

**Frameworks & Libraries:** React Native, React, Node.js, Jest, Jasmine, Spring Boot, JUnit, Express, FastAPI, Redis,

**Cloud & Databases:** AWS, Docker, Terraform, MongoDB, SQL Server, Postgre, MySQL, Jenkins

## WORK EXPERIENCE

### SAP

*Software Engineering Intern*

Vancouver, BC

*Sept 2025 – Dec 2025*

- Built and optimized customer-facing React dashboard components for the SAP Horizon UI upgrade, serving **1M+** daily users with improved accessibility and **40%** faster load times.
- Designed and implemented Java microservice endpoint for a new visualization feature with comprehensive JUnit tests.
- Automated manual QA workflows using Jasmine, increasing test coverage by **3x** and saving the team **6 hours per week**.
- Fixed critical production rendering logic and edge-case failures in calculation display, collaborating with senior engineers to resolve incidents affecting millions in transaction data.

### SFU Blueprint

*Fullstack Developer*

Vancouver, BC

*Jan 2024 – Apr 2025*

- Built a responsive volunteer logging platform for Pedals using React, Express, and PostgreSQL, eliminating manual administrative work and supporting **700+** volunteers with **60%** time savings per week.
- Implemented a real-time management dashboard with JWT-based role authorization, enabling on-demand reporting and data-driven nonprofit operations.
- Mentored **3** junior developers through code reviews and pair programming, accelerating team delivery velocity by **20%**.

### FABCYCLE

*Fullstack Developer*

Vancouver, BC

*May 2024 – Sept 2024*

- Developed a Java Spring Boot and React e-commerce platform for a sustainable fashion startup, enabling inventory management and real-time customer updates for **200+** monthly active users.
- Integrated Shopify API for automated inventory synchronization, reducing manual data entry by **95%**, and deployed infrastructure using Docker and Terraform on AWS EC2.

## PROJECTS

**SmartExpense (Best Bengineer Award, Stormhacks 2024)** | *React Native, Gemini API, Google Vision API, Supabase*

- Developed an AI-powered personal finance mobile application using OCR technology to automatically extract and categorize expenses from scanned receipts, improving budgeting accuracy by 40%
- Built an interactive financial dashboard with real-time data updates and integrated Gemini AI to generate personalized financial insights, enabling data-driven decision-making for users.

**AI Accessibility Keyboard** | *React, FastAPI, OpenAI Whisper, Google Gemini API*

- Built an NLP-powered accessibility keyboard with gaze tracking and speech input for patients with communication disabilities.
- Integrated WebGazer library for gaze tracking and Gemini API for context-aware text prediction and real-time response under various medical scenarios, achieving **sub-200ms** response latency

## EDUCATION

**Simon Fraser University**

*Bachelor of Science in Computing Science*

Expected Graduation: May 2027

*GPA: 3.89 (Dean's Honour Roll)*

- **Coursework:** Data Structures & Algorithms, Relational Databases, Linear Algebra, Biomedical Computing
- **Extra-curricular:** SFU Blueprint Software Developer, SFU Blueprint Internal Director