SOPHIA KIM

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TECHNICAL SKILLS

Languages: TypeScript, JavaScript, Kotlin, Java, Python
Web Development: React, Node.js, Vite, Spring Boot
DevOps & Cloud: Ansible, GitHub Actions, GCP

Testing: JUnit, Mockito, Mocha, Chai
Databases: PostgreSQL, SQL, Google Firebase
Operating Systems & Shell: Unix, Bash

PROFESSIONAL EXPERIENCE

Full Stack Developer Co-op   Sept 2022 – May 2023
CGI   *Vancouver, BC*

- Specialized in writing Ansible playbooks, assisting with deployment, configuration, and management of technical infrastructure, and developed an expertise working on Unix environments
- Analyzed code base of a web application, leveraging SQL to trace workflow from UI to database, identifying areas of improvement, developing functionalities using Java, and testing implementations with JUnit and Mockito
- Troubleshooted and resolved technical defects from running test harness for Spring Boot applications
- Contributed to developing, maintaining, and managing relevant release policies on a regular basis

Research and Health Coordinator   Nov 2018 – July 2021
Canada's National Ballet School   *Toronto, ON*

- Coordinated the Sharing Dance Older Adults program across Ontario in partnership with Baycrest, finishing the pilot with a 79% retention rate, exceeding target research participants by 172% and contributed to 2 publications

PROJECTS

Scholarship Organizer Chrome Extension and Web Application   Dec 2024 – Feb 2025
Personal Project

- Created Navis, a chrome extension and web application that leverages AI to scan and centralize scholarships. The tech stack includes Cohere Command R for text summarization, React, TypeScript, and Vite for front-end development, Node.js and PostgreSQL to develop the server and integrate the database using REST API endpoints, and Figma to integrate designs while collaborating with a UX Designer.

Receipt Reader Android Mobile App   May – Nov 2024
Personal Project

- Developed PockExpense, a mobile app that reads and compiles receipts to streamline reimbursement processes, using Kotlin and Android API frameworks to build end-to-end product, Google ML Kit Text Recognition API to parse receipt data, and JUnit, Robolectric, and Mockito for testing, and automated using GitHub Actions CI/CD pipeline
- Developed the product from the ground up by identifying a real user problem, defining use cases based on user needs, and developing and testing features to deliver a seamless solution

Chrome Extension for Seeking Refuge in Canada (Hackathon 2nd Place)   Mar 2022
cmd-f hackathon 2022   *Vancouver, BC*

- Created a chrome extension that centralizes resources for refugees seeking refuge in Canada, using Google Firebase to store data, and React and JavaScript to handle user queries on the frontend
- Awarded Silver Prize (2nd place) and 2nd Place TELUS: social sustainability and community building sponsorship

EDUCATION

University of British Columbia   Vancouver, BC
Bachelor of Computer Science (BCS)   *Sept 2021 – May 2024*

Western University   London, ON
Master of Public Health (MPH)   *Sept 2017 – Aug 2018*

University of Toronto   Toronto, ON
Bachelor of Arts – Health Studies Specialist, Sociology Major   *Sept 2013 – May 2017*