

Andrew Joji

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EDUCATION

University of British Columbia

Bachelor of Science, Computer Science

Vancouver, CA

Sep 2020 – Apr 2025

- Relevant courses: Software Engineering | Artificial Intelligence | Intelligent Systems | Relational Databases

EXPERIENCE

Software Developer Extern

Price Waterhouse Coopers

Vancouver, CA

Jan 2024 – Apr 2024

- Managing an **agile** team of 8 developers, creating a **full stack** scalable Health and Safety System hosted on **GCP**.
- Utilizing **Firestore NoSQL** cloud database, **Cloud Run** serverless technology and **NextJS** framework.
- Targeting a 25% enhancement in querying trends in workplace incidents by integrating a **generative AI** chatbot using **Vertex AI**.

Programmer Analyst [🔗](#)

UBC Student Housing and Community Services

Vancouver, CA

Jan 2023 – Aug 2023

- Converted **JNLP** apps to web-based platforms using **PHP (Yii2)**, **JavaScript**, **jQuery**, **SSRS**, and **SQL**
- Built a **RESTful API** to integrate student information and bookstore systems, ensuring backward compatibility - tested with **Postman**.
- Cut maintenance needs by 50% by managing a **VDI** migration for 20+ desktops.
- Reduced high-level support requests by 40% by streamlining stakeholder communication and creating clear documentation on **Confluence**.

PROJECTS

Car Share Compare

Dec 2023 - Present

- Engineered a web app for streamlined car-share cost comparison in Vancouver, optimizing trip planning.
- Integrated **Google Places** and **Routes API**, enhancing location search and route optimization features.
- Deployed the application using **AWS Amplify** and **Python** for scalable, serverless computing.

Course Insight App

Sep 2023 - Dec 2023

- Developed a full-stack app using **TypeScript** for course data querying and asynchronous server-side operations.
- Engineered and tested **API endpoints** using **Postman**, with **JSON** for persistent data storage.
- Created and maintained automated test suites using **Mocha** and **Chai**, ensuring robust application performance.

Smart Mailbox System

Feb 2020 – Apr 2020

- Employed object-oriented design to model a mailbox system for an apartment building utilizing **Java**.
- Implemented the **observer design** pattern and tested using the **JUnit** framework.

CERTIFICATIONS

AWS Cloud Practitioner

Expected Completion - Feb 2023

- Currently over 50% complete, with a strong understanding of foundational cloud concepts, AWS core services, and cloud deployment strategies.
- Gained practical experience in AWS services through hands-on labs, focusing on real-world application scenarios.

LEADERSHIP & COMMUNITY SERVICE

Ponderosa Commons Residence Association

Vice President of Finance [🔗](#)

Vancouver, CA

Jan 2023 - Present

- Directing and producing a **documentary [🔗](#)** to recognize service workers in UBC Residence.
- Pitched a documentary at the **PACURH 2023 [🔗](#)** regional leadership conference, attended by 200+ student leaders.
- Managed \$15,000 CAD residence event budget, overseeing community engagement and financial operations.

TECHINICAL SKILLS

Languages: TypeScript, JavaScript, Java, Python, SQL, HTML, CSS, C

Tools: React, Git, JUnit, jQuery, Amazon AWS (S3, EC2, Lambda), GCP, Firestore, Vertex AI, VS Code, IntelliJ