Andrew Joji

⚲ Vancouver, Canada | @ andrewjoji71@gmail.com | 🔗 [LinkedIn](#) | ⌨ [GitHub](#) | 🌐 [Portfolio](#)

EDUCATION

University of British Columbia — Vancouver, CA
Bachelor of Science, Computer Science — *Sep 2020 – Apr 2025*
- Relevant courses: Software Engineering | Artificial Intelligence | Intelligent Systems | Relational Databases

EXPERIENCE

Software Developer Extern — Vancouver, CA
Price Waterhouse Coopers — *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 ⧉ — Vancouver, CA
UBC Student Housing and Community Services — *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.

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.

Weather Forecast App — *Aug 2022 - Sep 2022*
- Built the app using **HTML5**, **CSS**, **JavaScript**, and **React**; with seamless **API integration**.
- Implemented auto-complete with GeoDB API to obtain the location, then used for weather data retrieval.

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 — Vancouver, CA
Vice President of Finance ⧉ — *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.

TECHNICAL SKILLS

Languages: TypeScript, JavaScript, Java, Python, SQL, HTML, CSS, C
Tools: React, Git, JUnit, jQuery, AWS S3, AWS EC2, AWS Lambda, GCP, Vertex AI