

# Andrew Joji

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## EDUCATION

**University of British Columbia**  
*Bachelor of Science, Computer Science*

Vancouver, CA  
*Sep 2020 – Apr 2025*

## 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.

## 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**

*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, AWS S3, AWS EC2, AWS Lambda, GCP, Vertex AI