Edward Chen

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SKILLS

Languages: Java, Python, Typescript, Javascript, SQL
Technologies: AWS, React, NodeJS, Git

WORK EXPERIENCE

Amazon Web Services   **Jul 2023 - Current**
Cloud Consultant, Professional Services   Vancouver, Canada

- Collaborated with Canadian public sector customers to migrate/re-architect their on-premise solutions to cloud-based applications following AWS best practices
- Assisted clients in re-architecting a data application, transitioning customer's on-premise data processing application into a serverless Data Lake, implemented a business intelligence tool with AI capabilities
- Provided comprehensive customer training and documentation on multi-region deployment strategies and recommended security configurations in the cloud

Amazon Web Services   **June - Sep 2022**
Consultant Intern, Professional Services   Toronto, Canada

- Built a secure, scalable Data Lake solution on AWS that contains a serverless ETL data pipeline, data warehouse and visualization dashboard
- Streamlined deployment process by developing AWS CloudFormation templates, enabling easy replication of the solution across multiple AWS accounts
- Gained technical consulting expertise through comprehensive training sessions and simulated customer engagements

UBC Cloud Innovation Centre, powered by Amazon Web Service (AWS)   **Jan – Sep 2021**
Full Stack Developer Intern   Vancouver, Canada

- Co-developed the [Student Connect App](#), a React web application leveraging AWS services including OpenSearch, DynamoDB, Cognito, and Amplify. This platform provided students with a data aggregation and recommendation system to enhance their academic experience
- Developed an [Amazon Location Service Project](#), a React web application showcasing the features of the Amazon Location Service. This application can be easily deployed and hosted across multiple AWS accounts using AWS CloudFormation and AWS Amplify
- Lead an Introduction to AWS RoboMaker Webinar, provided guidance on utilizing AWS RoboMaker for robotics development and simulation
  [Open source Github Repositories for the above projects](#)

EDUCATION

The University of British Columbia   **May 2023**
Bachelor of Science, Computer Science

CERTIFICATIONS

AWS Certified Solutions Architect – Professional   **Achieved Apr 2024**
AWS Certified SysOps Administrator – Associate   **Achieved Jan 2024**
AWS Certified Security – Specialty   **Achieved Sept 2023**
AWS Certified Developer – Associate   **Achieved Sep 2022**

PERSONAL PROJECTS

Basketball DataBase (Java app)

- Designed a Oracle SQL database to store all attributes relevant to a basketball league, including game data, player information, and statistics
- Developed a simple user interface using Java Swing to display query results for end users

COVID-19 data dashboard (iOS app)

- Built an iOS app that displays a coronavirus dashboard
- Implemented data parsing and visualization features using Charts and SwiftyJSON libraries, providing users with up-to-date information on COVID-19 statistics for all countries