Aaron J. Chan

Email: 0aaronchan@gmail.com

GitHub: github.com/achandev
LinkedIn: linkedin.com/in/aaron-chan-/

Cloud Architecture | DevOps | Full Stack | Software Engineering

Profile:

A product-first, team-playing and holistically-focused developer with a strong focus on stakeholder satisfaction - I'm a software engineer that enjoys bringing maximum value to the whole team. I'm always motivated to learn new skills and tackle interesting problems.

Professional Experience:

● Exercised skills

Graduate Software Engineer
July 2024 - Present

Cirrus Software Solutions Ltd.

- Optimised infrastructure CI/CD pipelines through collaboration with senior engineers to evolve cloud infrastructure deployment pipelines for new features, improving reliability, cost-efficiency and scalability to meet dynamically changing client requirements for AWS resources.
- Designed and iterated on cloud architecture solutions for client feature needs, balancing cost and performance, and documenting solutions through infrastructure diagrams.
- Automated containerised deployments by implementing GitHub Actions workflows to eliminate manual steps, cut build times and improve developer experience with pipeline streamlining.
- Developed real-time data visualisation and video streaming control centre by integrating AWS and using frontend frameworks to synchronise data sources, implementing a robust and scalable frontend app.

Python · AWS CloudFormation · AWS CodePipeline · AWS CodeBuild · AWS ECR · AWS Lambda · Docker · GitHub Actions · AWS DynamoDB · AWS S3 · Jira · AWS SageMaker

Software Engineering Intern
Jun 2023 - Sep 2023

RecallAI (startup)

- Independently implemented a MERN stack application, advising on app architecture to attain lowest cost MVP.

MongoDB · TypeScript · Google Cloud Storage · Google Cloud Platform · React

Education:

- **BSc Computer Science**
  University of Bristol
  Sep 2021 - June 2024
  Graduated with 1st (First Class Honours)

Projects:

● Technical skills ● Soft skills

Panderer 🔗
Jun 2023 - July 2023

I constructed a real time web app to track approval rating for live events like stock prices, using Firebase to host, serve and manage infrastructure.

This involved managing concurrent requests, implementing transactions and effective error handling.

Skills:

Firebase · Firestore Database · Realtime Database · Cloud Functions · TypeScript/React · Continuous Learning

VetDB
Sep 2022 - May 2023

I organised, designed and built a full stack app in team coursework to easily manage all student placements for the Bristol Vet School, migrating from legacy system.

Employing effective project management techniques, I translated client needs into actionable tasks, achieving a First class grade.

Skills:

MERN stack · Kanban · Agile methodology · Team orchestration · Client communication · Adaptability · Problem solving