Aaron J. Chan

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Full Stack Software Engineer Continuous Deployment Cloud Developer

Profile:

A product-first, team-playing developer with a strong focus on stakeholder engagement - I'm a software engineer that enjoys bringing maximum value to the whole team - including systems architecture, design, development: I'm always ready to learn new skills.

Professional Experience:

Exercised skills

July 2024 - Present

Graduate Software Engineer

Cirrus Software Solutions Ltd.

- Developed scalable software solutions using React, TypeScript and AWS to enhance user experience and maintain application performance
- Collaborated with senior engineers to scale and enhance cloud infrastructure, ensuring robust and maintainable architectures fit dynamically changing client requirements
- Utilised the Agile methodology to strengthen productivity, code reviews to optimise features and learn, and Jira boards to manage workflow.

DynamoDB

S3

AWS Lambda

AWS Cloudformation

(Jira) CD Pipeline development

Software Engineering Intern

Jun 2023 - Sep 2023

RecallAl (startup)

- Product was an Al-driven SaaS that took user inputted audio and converted these into flashcards.
- Utilised MERN stack with SOLID-principled TypeScript, using advanced React features to build product.
- Solved rapidly changing requirements and problems in order to minimise technical debt and implement cleaner design patterns.

MongoDB Cloud Storage Frontend Google Cloud Platform

React

Education:

BSc Computer Science

University of Bristol

Sep 2021 - June 2024

Graduated with 1st (First Class Honours)

Relevant Modules: Machine Learning, Computer Graphics, Artificial Intelligence, Software Engineering Project.

Projects:

Technical skills Soft skills

3D Raytracer *⋄*

Oct 2023 - Nov 2023

I implemented a 3D renderer from scratch that demonstrates range of different types of rendering & lighting techniques. Achieved First class grade.

Skills.

Object Oriented Programming

Multithreading | GLM | Time Management

Panderer &

Jun 2023 - July 2023

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

Skills:

React

TypeScript Firebase Google Cloud

Node.js Vite Clerk Continuous Learning

VetDB

Sep 2022 - May 2023

I managed, 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. Achieved First class by delivering client satisfaction.

Skills:

MERN stack Kanban

Agile methodology

Team orchestration | Client communication

Adaptability Problem solving

Leadership roles:

Division Co-Head of Derivatives at Bristol Trading Society

Jun 2023 - May 2024

- Led a team of 10 analysts to manage a \$1m virtual portfolio, discussing trades, analysing economic events and learning about markets.
- Delivered a 19% ROI on this portfolio using a various option strategies, and long/short stock methods.

Project Manager for VetDB

Sep 2022 - May 2023

- Became the de facto project consultant & manager, leading a team of 4 members for the VetDB project
- Oversaw the entire project life cycle, from client meetings, product designing, engineering and deployment.

Extra-curricular & Interests:

Figma UI Designer &

Utilised my skills to create visually appealing and user friendly interfaces for web applications in Figma. Used MUI toolkit to build sleek and familiar looking mock-ups and prototypes. This CV was designed and built using HTML and CSS.

Pottery Enthusiast

I took part in throwing pottery on the wheel as extra-curricular activity, honing clay shaping, glazing techniques and kiln operation.

Developed precision appreciation and attention to detail.

Successfully taught 1 fellow student to independently throw pottery and infuse passion in art pieces.

Languages:

• English

Proficiency level: Native speaker

Chinese (Cantonese)

Proficiency level: Conversation level