

Software Engineer | Full-stack | Frontend Design | Product Architect

Profile:

A product-first and results-driven developer with a strong focus on client engagement, I'm a software engineer that likes to deal with the meta aspects of projects - whether that's systems architecture, design, management - I'm always ready to learn.

Education:

• BSc Computer Science

University of Bristol

Sep 2021 - Present

Expected graduation: June 2024, with average GPA: 3.7 (2:1 classification)

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

• Advanced Levels (A-Levels)

Bosworth Independent College

Sep 2019 - Jun 2021

Achieved A*A*A* in Computer Science, Mathematics, Further Mathematics

Work Experience:

Co-founder & Software Engineer

Jun 2023 - Present

RecallAI (Prelaunch):

- Designed user interface for product and architected cloud infrastructure.
- Engineered product to conform with industry standard practices and services.
- Solved rapidly changing requirements and problems in order to minimise technical debt and implement cleaner design patterns

Teaching Assistant (Graduate Level 2 Teacher)

Sep 2022 - Present

University of Bristol:

- Mentored a group of 5 students to develop and deliver a project to a real client.
- Responsibilities include technical support, team management, project management.
- Other responsibilities include helping in labs to answer questions about the taught content, receiving positive feedback from students.

Projects:

● Technical skills ● Soft skills

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 a team, designed and built a full stack app in group coursework to easily manage all vet student placements for the Bristol Veterinary 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

Game of Life

Oct 2022 - Nov 2022

I built a cellular automata simulation as coursework using Golang, optimising performance with distributed worker nodes. Also developed RPC interfaces with PubSub system to balance work. Achieved First class.

Skills:

Golang Concurrency Parallel Computation
AWS RPC Distributed architecture
Team conflict resolution

Leadership roles:

Lead Product Architect for RecallAI

Jun 2023 - Present

- Guided the design and implementation of the UI and overall product system architecture.
- Reported directly to the CEO, but with autonomy to execute enhancements to the product as I see fit.

Division Co-Head of Derivatives at Bristol Trading Society

Jun 2023 - Present

- 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.
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Extra-curricular & Interests:

UI designer

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

Active investor & home portfolio manager

Engaged in personal investment and trading activities, researching and exploring market opportunities. Managed a home portfolio, monitoring investments and making informed decisions to maximise returns.

Delivered a 36% return between May 2023 and July 2023.

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