

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.

Crowd.io market analyst

Researched and published articles about market activities and economic events during the trading week. This includes events such as inflation data, central bank monetary policy and general macroeconomic news.

Acquired regular readers favouring my market analysis.

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