

PROFILE

I am a Senior Software Engineer with over ten years of professional experience, specializing in front-end engineering while also being proficient across the full stack. My career has focused on the e-commerce sector. I have a strong interest in Machine Learning, supported by a solid grasp of its underlying mathematical principles. Additionally, I am enthusiastic about cybersecurity, regularly honing my skills through platforms like Hack the Box. In my free time, I enjoy playing the piano.

SKILLS

Languages : TypeScript, JavaScript, Python, HTML, JSX,, CSS, SCSS, GraphQL, Java

Frameworks : React, Next.js, Vue.js, CanJS, Backbone.js, TypeGraphQL, Flask, Spring, Express, Electron

Misc : mocha, jasmine, jest, @testing-library/react, gulp, grunt, webpack, AWS, docker, self-learning, prompting, piano, electronics

EDUCATION

Queen Mary University of London

BSC ASTROPHYSICS, FIRST CLASS HONOURS 2011 – 2014

Dissertation: Magnetic Fields in the Solar Corona; Critical analysis of existing literature. Numerical simulation using Green's function to extrapolate coronal magnetic fields from solar magnetogram data.

VOLUNTEERING

Newham CGL Rise

VOLUNTEER Dec 2018 - Jun 2019

Beckton Environmental Action Team

VOLUNTEER Jun 2024 - present

EXPERIENCE

Grid Dynamics - Global Digital Engineering Company

[contract]

SENIOR SOFTWARE ENGINEER

Apr 2021 - Mar 2024

- ✳ Reading, reviewing, refactoring and writing clean, maintainable code for high volume transactional e-commerce sites.
- ✳ Liaising with adjacent engineering teams to prevent knowledge silos, collaborating on high level systems architecture and solutions to achieve the goals of the client.
- ✳ Mentoring, providing support and guidance to junior developers.
- ✳ Consulting directly and frequently with external business and technical stakeholders; leading product demonstrations.

Mulberry

- ➔ Development of new features for Mulberry's e-commerce site.
- ➔ Implementation of new payment methods (Alipay, Apple Pay, Klarna, Afterpay).
- ➔ Refactoring of legacy codebase and performance optimisation.
- ➔ Knowledge transfer, technical writing to fill gaps in documentation.
- ➔ Directly responsible for stopping potential PII leak due to infra misconfig at CDN level.

selfologi

- ➔ Delivered greenfield project for Dubai based startup building an aesthetic medicine platform.
- ➔ Onsite consultation at their Dubai office.
- ➔ Engineered a platform allowing client to operate a market between aesthetic clinics and consumers.
- ➔ Engineered a corresponding b2b back-office system for management of orders and bookings.
- ➔ Used serverless services on AWS for integration of various different third parties.
- ➔ Used a composable commerce approach for our architecture, utilising MACH and JAMStack paradigms etc.

Cytag

[contract]

SENIOR FRONT END ENGINEER

Feb 2019 – Jul 2019

- ✿ Bought in as senior FE engineer to optimise and refactor data visualisation application for manufacturing execution systems using data sourced from industrial sensors, facilitating insight discovery for users.
- ✿ Introduced proper version control, migrated legacy spaghetti script into a more maintainable codebase built on Vue.js framework.

Tacit Knowledge

FRONT END ENGINEER

Apr 2016 – Sep 2018

- ✿ Consulting and implementing software solutions for business needs.
- ✿ Mastering the intricacies of the e-commerce landscape.
- ✿ Attending hackathons.

Gucci

- ➔ Led front end team during our consultation and engineering for the digital side of Gucci's new Decor range.
- ➔ Onsite consultation at their Milan and Florence offices.
- ➔ Implemented prominent new features and components for site as well as a large scale refactoring of much of the front end codebase.

Wilko

- ➔ Led front end team for this project, delivering an e-commerce MVP within 4 months of development time.
- ➔ Improved OOTB accelerator build time by factor of ten by porting to webpack.

Clos19 (Moët Hennessey)

- ➔ Delivered the front-end for a full e-commerce solution, allowing client to go B2C for the first time.
- ➔ Onsite consultation.
- ➔ Customised OOTB hybrid CMS to enable efficient workflow for client's specific use cases.

Mulberry

- ➔ Implemented FE overhaul (styling, UX) to deliver Mulberry's 2016 brand refresh strategy.
- ➔ Onsite consultation.
- ➔ Development of new CMS components.
- ➔ Optimised developer experience and FE build times by introducing newer tooling (e.g. bundlers, task runners) and removing code rot in build processes.

ASSOCIATE FRONT END ENGINEER

Feb 2015 – Mar 2016

Viking Direct (Office Depot)

- ➔ Onsite consultation (UX, UI and design needs), for greenfield project for client's e-commerce replatforming.
- ➔ Front-end development of full e-commerce solution delivered, allowing client to go B2C for the first time.

Substantive Research Ltd

[freelance]

SOFTWARE ENGINEER

Sep 2015 – Jul 2017

- ✿ Sole front end engineer for this startup, using the Vue.js framework (connected to a PHP backend). I built the beta SPA, a dashboard with data analysis, stats, and visualisations based on analytical data of recently published financial research papers and reports.

Atchai Digital

SOFTWARE ENGINEERING INTERN

Aug 2014 – Jan 2015

- ✿ Developing web software using Agile methodologies.
- ✿ Learnt and applied practices such as continuous integration, regular code reviews and pair programming.
- ✿ Contributed bug fixes and production ready code to projects ranging from a data visualisation SaaS application to client websites.