

PROFILE

A proactive and passionate Front-End Engineer with over 5 years of experience in developing scalable, high-performance web applications. Expert in React, TypeScript, and Next.js, with a proven ability to lead development initiatives that align technical solutions with business needs. Skilled in optimising web performance and developing responsive, user-centric interfaces. Proficient in leveraging cutting-edge tools such as Ulzard, and Cursor to enhance productivity, streamline workflows, and accelerate development processes. Recognised for driving business impact by reducing load times and saving teams hours through efficient data visualisation solutions.

EXPERIENCE

Senior Front End Engineer AthenX holdings LTD

London, Jul 2024 - Sep 2024

- Led the design, development, and implementation of a real-time dashboard platform incorporating advanced data visualisations and geo-mapping functionalities.
- Applied a range of generative AI tools, including Cursor, Ulzard to streamline workflows and boost team productivity by **over 80%**, significantly enhancing efficiency in daily tasks.
- Upgraded data visibility for stakeholders, saving **20+ hours weekly** in manual data analysis.
- Actively participated in back-end design and implementation to deliver seamless, full-stack solutions.
- Collaborated closely with stakeholders to gather requirements and provide regular project status updates, resulting in a significant improvement in project delivery efficiency.
- Operated in a dynamic, fast-paced environment, played a part in the company's early-stage startup phase as the fourth employee, helping scale the product to support a 100% client growth.

Tech stack: React, TypeScript, vite, material UI, Nivo.rocks, AWS, Serverless, TanStack Query, Figma, cursor.

Senior Front End Engineer Luna Protocol LTD

London, Feb 2023 - Jun 2024

- Engaged in the development and maintenance of a smart contracts platform, focused on institutional financial instruments.
- Engineered an application dashboard to visualise the Luna core engine, which played a key role in external demonstrations and was instrumental in securing our first client.
- Thrived in a fast-paced environment, refining a strong understanding of business prioritisation and alignment with organisational goals.
- Played a key role in the technical migration from Create React App to Next.js14, enhancing the platform's performance and scalability, which was critical in achieving ISO27001 certification.
- Teamed up within a multidisciplinary team to drive key aspects of product development and analysis, enabling informed decision-making and refining features for optimal results.
- Led the implementation of end-to-end, integration, and unit testing strategies using Cypress and React Testing Library to ensure platform stability and quality.
- Spearheaded the migration from Vanilla JavaScript to TypeScript across the codebase, improving code reliability and maintainability.

Tech stack: NextJS, Cypress, TypeScript, React, Redux, Figma, Pulumi, Docker, JavaScript, Webpack, Git, styled-components, css-modules, Datadog, swr, react-query.

- Redesigned and maintained a front-end application tailored for banking institution staff, utilising React, TypeScript, Nivo Charts, and Styled Components to enhance usability and performance.
- Participated in the development of CI/CD infrastructure and workflows to streamline deployment and integration processes.
- Implemented comprehensive testing strategies across various application features, increasing system reliability by over 10% and reducing post-release bugs by over 50%.

Teck stack: React, JavaScript, TypeScript, AWS, CSS-in-JS, Redux, Sentry

JavaScript developer
CMC Markets PLC.

London, Aug 2019 - Jan 2022

- Crafted a modernised version of onboarding forms for a trading platform, enhancing user experience and functionality, resulting in a 20% reduction in the onboarding signup process time.
- Engineered the forms using cutting-edge technologies to improve efficiency and maintainability.
- Promoted and optimised the use of a design library, driving consistent UX improvements across multiple applications and use cases.
- During a digital transformation initiative, I was part of a pivotal team assigned to lead a flagship project, setting a standard for best practices and serving as a role model for the entire organisation's transition process.

Teck stack: React, JavaScript, TypeScript, AWS, CSS-in-JS, Redux, app-dynamics, Github.

Front end developer
Simudyne Ltd.

London, Jan 2019 - Jul 2019

- Enhanced data visualisations for agent-based models, improving clarity and insights for end users.
- Redesigned and maintained a dashboard featuring multiple visualisations, ensuring a more intuitive and user-friendly interface.
- Contributed to the development of a supporting documentation website to provide comprehensive resources and guidance for users.

EDUCATION

(MSc Candidate) Data Science (incomplete), IUBH -
University of applied Sciences

Sep 2020 - Feb 2021(incomplete)

BSc. Music, Instituto Politécnico de Lisboa

Sep 2011 - Jun 2016

SKILLS

Languages: TypeScript (superset), JavaScript

Technologies: React.js Next.js, Redux, Cypress, Jest, Node.js, Docker, Webpack, git, SASS, styled-components, Figma, Ulzard, tryCursor

Other: Web performance, Analytics tools, Restful API, GraphQL, Micro Front ends

ADDITIONAL INTERESTS

Yoga, Sauna, History, Economics, Snooker, sports, technology, music, reading