

Full Stack Engineer

16 Woodlands Chase, Witchford, Ely CB6 2SB, UK • +44 7402 588815 • <https://valeriomattera.com> • info@valeriomattera.com • [linkedin.com/in/valerio-mattera](https://www.linkedin.com/in/valerio-mattera)

PERSONAL STATEMENT

I thrive on challenges and I always find joy in solving complex problems. With an inherent love for my job, I approach each task with enthusiasm and dedication. As a super-fast learner, I eagerly embrace new technologies, constantly expanding my expertise. My love for learning drives me to stay at the forefront of innovation in my field and continually expand my domain expertise.

SKILLS

Core Skills: TypeScript • JavaScript (ES6+) • HTML • CSS • PHP

Front End : React • Next.js • React Native • Tailwindcss • Redux • Redux Toolkit • RTK Query • Apollo GraphQL • Remix • React Query • Chakra UI • Styled components • Framer motion • Gatsby • Astro

Back End: Node.js • Express.js • AWS Lambda • NestJS • tRPC • Prisma • PostgreSQL • MySQL • MongoDB • REST API • WordPress

Miscellaneous: Source control (Git) • AWS S3 • Jest • ESLint • Husky • OpenAI • React Testing Library • Figma • Mixpanel • Docker • Cypress

EXPERIENCE

abcam

Full Stack Engineer

July 2024 - present

- Collaborated with UX designers and the product team to develop and maintain user interfaces for the company website's search functionality and product detail pages (PDP), integrating data from a GraphQL API. Additionally, wrote comprehensive tests (Jest w. React Testing Library) to ensure the reliability of the UI components.
- Enhanced an AWS Lambda function by adding a dynamic list of target pages, enabling the generation of large volumes of sitemaps (~100k daily) and uploading them to an S3 bucket.
- Created a set of reusable React components, with a particular focus on form fields such as Select and Multi-Select
- Focused on optimizing page performance and enhancing the developer experience (DX) to improve overall site speed and usability.

383 Project

Senior Front End Engineer

August 2022 - July 2024

- Played a pivotal role in the re-engineering of the React Native Worcester Bosch Professional App, introducing modern technologies and best practices. Achieved an 80% reduction in errors and a 50% increase in user satisfaction.

- Innovated and constructed bespoke Microsoft Teams and Slack applications for a globally renowned journal: engineered a robust Node.js API to deliver content to the Slack client, alongside a tailored React app for MS Teams integration.
- Successfully overhauled the legacy React codebase for Worcester Bosch FastTrack, resulting in a remarkable 98% increase in conversion rates, elevated completed orders, and a revenue boost of £600,000. Implemented new designs, addressed bugs, transitioned from class-based components to function components with hooks, and introduced Storybook for isolated component development.
- Conceptualized and developed a cutting-edge full-stack prototype for an AI-driven tool, empowering the 383 product team in analyzing and generating reports derived from customer interviews, to reduce the time spent by the team by up to 75%.
- Took charge of defining and implementing the future front-end tech stack for the company, with a focus on CMS solutions such as Builder.io, Sanity.io, and Contentful.

383 Project

Front End Engineer

January 2022 - July 2022

- Led the delivery of the first direct-to-consumer e-commerce platform for Glenmorangie, generating over 100k during the first three months, crafted using Shogun Front-end, Shopify and Next.JS.
- Introduced a series of enhancements and new features to the Canvas website, developed with Next.js [Pages router] project, supported by a Laravel Nova back-end.
- Collaborated closely with back-end developers and project management to efficiently identify and resolve coding issues stemming from SLA tickets, consistently meeting or exceeding resolution timelines.

Lightbox Digital

Web Developer

November 2021 - January 2022

- Headed the successful delivery of the WordPress whg Housing Association website, leading its development and launch, achieving completion in just two-thirds of the projected time.
- Supported the tech lead in training two junior team members, fostering their skill development and facilitating a seamless onboarding process, resulting in a smoother integration into the team.
- Collaborated with the sales team by providing assistance in the preparation of quotations and estimations, contributing to the overall sales process.

Lightbox Digital

Junior Web Developer

April 2021 - October 2021

- Successfully delivered the Millennium Point conference and events venue website.
- Continuously maintained and implemented new features on existing websites, ensuring their functionality to evolving requirements.
- Debugged issues on existing websites, addressing and resolving technical challenges to maintain optimal performance and user experience.

EDUCATION

Mechanical Engineering

University of Naples Federico II, Naples