

Frontend-focused software developer with strong Node.js experience and shipping production features in large, complex codebases. Regularly takes ownership of systems, improves performance, and delivers independently with minimal supervision.

Work Experience

Product Developer	Dept	Dec 2023–Present
eBay		
<ul style="list-style-type: none">Primary developer on an AI-driven email content generation system using LangChain, owning architecture and day-to-day development. Led LangChain upgrades and designed a conversational interface used to generate and refine content.Reduced CI pipeline runtime by more than 80% by implementing parallelisation of unit tests, dramatically improving developer feedback loops across the team.Primary contributor to a new email content builder feature which enabled simultaneous editing of email modules, from early development through to production delivery.Migrated a legacy Backbone.js application to React, improving maintainability and developer velocity.Built a proof-of-concept Figma plugin to parse designs and upload content directly into the content builder application, reducing manual content entry and design-to-build friction.		
Junior Product Developer	Dept	Mar 2021 - Dec 2023
Internal tools, eBay		
<ul style="list-style-type: none">Improved application performance by optimising caching strategies and reducing redundant network requests.Implemented lazy-loading to ensure DOM content was only rendered when needed, reducing page load times and improving usability.Worked on internal tooling used across the organisation, with a focus on frontend performance and usability.Built small, efficiency-boosting apps - including a UTM link builder and dark mode accessibility checker for email clients.		
Frontend Developer	Freelance	2020–2021
<ul style="list-style-type: none">Delivered small frontend projects end-to-end while self-teaching modern web development, handling requirements, implementation, and iteration based on feedback.		
Tour Consultant	Manchester Sightseeing	2018 - 2019
<ul style="list-style-type: none">Managed the company website and booking systems.Worked directly with clients and led groups, responsible for logistics and customer experience.		

Technologies and Languages

- Languages: Javascript, Typescript
- Frontend: React, MobX, Material UI, Tailwind
- Backend: Node.js, GraphQL, Apollo, LangChain, LangGraph
- Testing: Jest, Cypress, Mocha, Enzyme, Testing Library
- Tools: Git, Jira, Figma

Education

- **MA Classics (Distinction)**, University of Liverpool **2014–2015**
- **BA Classics (First Class)**, University of Liverpool **2011–2014**

Interests

- Brew my own beer - just like software development, it is iterating and improving a process
- Run in the Peak District with my rescued spaniel