

Experience

Improbable

Senior Software Engineer

London, UK

October 2023 - present

- Led the transition of all frontend code to a modular shared packages system, utilized across more than eight repositories, which has resulted in enhanced efficiency and maintainability, along with a reduction in bugs
- Develop backend services and REST APIs for the management of our virtual events, significantly enhancing the capability for these events to be self-serviced by show-runners
- Conducted interviews for mid and senior-level front-end engineering positions, focusing on assessing technical skills and cultural fit within the company

Software Engineer

May 2022 - October 2023

- Successfully engineered a queuing system and reconciler for our virtual world environments, which has effectively managing the transition and replacement of over 15,000 concurrent users
- Played a pivotal role in the development of both front-end and back-end components of the web platform used in over ten high-profile live events
- Managed the war-room for the web platform team during live virtual events, providing real-time updates and web metrics to a cross-functional team of 30+ employees

Acre

Software Engineer

London, UK

Jan 2021 - May 2022

- Developed React and Typescript components and created a design system to enhance standardization across repositories
- Strengthened test coverage by advocating for and implementing more unit tests, and personally wrote all end-to-end tests resulting in a 50% increase in overall test coverage
- Independently revamped significant portions of the frontend of Acre's mortgage sourcing application

Education

University of Bath

MEng (Hons) Mechanical Engineering

Bath, UK

2015 - 2020

Graduated with first class honours

- Undertook a placement after my second year at GKN Aerospace, the world's leading aerospace supplier

Projects

Limberr

Co-developed Limberr — a web and mobile application that allows fitness content creators to monetise their content

May 2023 - present

- Developed our modular and scalable frontend using NextJs and aided in the development of GraphQL APIs using Apollo to serve our backend
- Wrote SQL schemas to define our normalised, relational database
- Led the development of the entire site's infrastructure using Docker and AWS (Lambda, S3, RDS, ECR, EC2, and CloudFormation)

Skills

Languages	Javascript, Typescript, Python
Technologies	React, React Native, GraphQL, NextJs, PostgreSQL, Git, HTML, CSS, Firebase, NodeJs
Infrastructure	AWS, GCP, Docker, Terraform
Principles	Agile, CI/CD, REST, API design