

## Experience

May 2022 - present

**Software Engineer** Improbable

London, UK

Improbable creates new ways to connect, play, create and build value across interconnected virtual worlds

- Aided in the development of both the front and back-end for our web platform during 4 high-profile live events whose success led to new clients as well as profitability at the company
- Built a queuing system and reconciler to move and replace 15K+ users in our virtual worlds.
- 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
- Spearheaded the adoption of unit, integration, and end-to-end testing across the web platform mono-repo, resulting in the highest test coverage among all repositories at Improbable
- Mentored two graduate engineers on coding practices and design principles

Jan 2021 - May 2022

**Software Engineer** Acre Platforms Limited

London, UK

Acre is an all-in-one mortgage and protection platform, which serves both brokers and clients

- Developed components using React and Typescript, and led the creation of a design system to improve standardisation across repositories
- Advocated for and enforced the adoption of more unit tests and personally wrote all end-to-end tests, increasing overall test coverage of our mono-repo by 50%
- Independently revamped much of the front-end of Acre’s mortgage sourcing application, leading to positive feedback from mortgage brokers
- Conducted interviews of junior and mid-level engineers

## Education

2015 - 2020

**MEng (Hons) Mechanical Engineering** University of Bath

Bath, UK

Ranked by the Guardian as the 2nd best University in the UK for Mechanical Engineering

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

## Projects

Sep 2022 - present

**Limberr**

Co-founded [Limberr](#) — a web application that allows fitness content creators to monetise their content

- 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)
- Accepted into Founder University

## Skills

Languages

Javascript, Typescript, Python

Technologies

NodeJs, React, GraphQL (Apollo), NextJs, PostgreSQL, Git, HTML, CSS, Firebase

Infrastructure

AWS, GCP, Terraform, Docker

Principles

Agile, CI/CD, REST, API design