Jonathan **van Wersch**

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Experience

Software Engineer Improbable   *London, UK*

May 2022 - present

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 5+ 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

Software Engineer Acre Platforms Limited   *London, UK*

Jan 2021 - May 2022

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, leading to a 50% increase in overall test coverage
- 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

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

2015 - 2020

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

Limberr

Sep 2022 - present

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)

Skills

Languages	Javascript, Typescript, Python
Technologies	NodeJs, React, GraphQL (Apollo), NextJs, PostgresSQL, Git, HTML, CSS, Firebase
Infrastructure	AWS, Docker
Principles	Agile, CI/CD, REST, API design