Jonathan **van Wersch**

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Experience

Senior 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 has led to growing number of clients
- 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
- Successfully transitioned all frontend code to a modular package system, enhancing code reusability and consistency across multiple client repositories, leading to improved efficiency and maintainability, and a significant reduction in bugs

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 React and Typescript components, creating 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 coverage.
- Revamped significant portions of Acre's mortgage sourcing application independently, receiving positive feedback from mortgage brokers.
- Interviewed junior and mid-level engineers to evaluate their suitability for roles within the company.

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