

Jonathan van Wersch

While I may have studied mechanical engineering at university, my passion lies in computer science and programming. I am a highly motivated, self-taught software engineer who possesses a wide range of technical and soft skills, allowing for me to work both independently and collaboratively. I am eager to join a new company as I want to expand my technical knowledge and engage in new, and more difficult challenges.

Education

MEng (Hons) Mechanical Engineering Sep 2015 – July 2020

University of Bath – Bath, England

First-Class Honours

- Modules studied include System Modelling and Simulation, Design, Fluid Dynamics, Systems and Control, Solid Mechanics, Design, and Business Processes

International Baccalaureate Sep 2013 – May 2015

Berlin British School – Berlin, Germany

41/45 (3/3 bonus points obtained)

- Higher Level: Physics (6), Maths (6), and Economics (6)
- Standard Level: French (7), Chemistry (7), and English (6)

Employment

Front-End Engineer Jan 2021 –

Acre

Acre is an all-in-one mortgage 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
- Pushed for the adoption and enforcement of more unit tests and wrote all end-to-end tests, resulting in a large increase in the overall test coverage of our mono-repo
- Independently re-developed much of the front-end of Acre's mortgage sourcing application, resulting in it being considered the favourite part of our app by mortgage brokers
- Built a dashboard app for brokers using React Native, which won a company-wide hackathon
- Voted as the most helpful member of the company to new hires
- Completed the most Agile story points of all front-end engineers in 2021
- Independently developed the onboarding flow for new customers
- Conducted technical interviews and developed a coding test, which was used to screen candidates prior to being interviewed

Personal Projects

Dekked Sept 2020 – Sept 2021

Dekked is an integrated flashcard and note-taking application

- Raised £3250 in equity-free funding
- Designed the web app in Figma and developed the front-end using React and Typescript
- Created a design system to store all of the common React components
- Built the backend using Node.js, Postgres and Express
- Hosted the web app using Netlify on the front end, and Render for the API and database
- Developed tests using Cypress and React Testing Library, and created staging and production environments to allow for the safe development and integration of new code

Bath University Rocket Team Feb 2019 – Mar 2020

- Developed a sounding rocket to compete at the 2020 Spaceport America Cup (cancelled due to COVID-19), the world's largest intercollegiate rocket competition, alongside a team of seven other students
- Acted as both the project manager and systems integrator, gaining experience in organisational- and communications-based management, as well as rocket design and 3D modelling

Personal Info

Email

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Location

London, England

Phone Number

+44 77612 63462

Portfolio

j-vw.com

Github

github.com/Jonathanvwersch

LinkedIn

linkedin.com/in/jonathan-van-wersch

Technical Skills

Programming Languages

JavaScript, TypeScript, Python

Front-End Web Development

React, React Native, HTML, CSS, Styled Components, Tailwind CSS, Gatsby, React Testing Library, Enzyme, Apollo, Cypress, RXJs, GraphQL, React Query, Storybook

Back-End Web Development

Express, PostgreSQL, Node.js, REST APIs

Other

Jira, Gitlab, Github, Git

Soft Skills

- Public speaking
- Project management
- Self-learner
- Strong in both verbal and written communication
- Can work both independently and in a team

Languages

Native

English

Proficient

Dutch and French