

Robert Harbord

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Professional summary:

A Full Stack engineer with over 3 years of experience working in agile teams on a variety of projects. Starting as a freelance web developer, I have a keen eye for detail and an appreciation of brand presence.

My technical experience includes:

- Full Stack Node, Next, React, MongoDB applications.
- Cross-platform Native mobile apps using React Native
- AI based web applications, using Open AI, Langchain, AWS and React.
- AWS Lambda and S3
- Dynamic, responsive websites using NextJS 14 & PostgreSQL.
- Building front-end CI / CD pipelines, with Jest and Cypress.

Career Summary:

Ningi - April 2022 - Present

Full Stack engineer

Starting as a Junior engineer, I participated in standups, building UI components in React. Later, I lead a small team (1 design, 1 prod, 1 eng), reporting directly to the CTO, working on fine grained projects.

- Built and packaged a 100+ component UI library in React, live in journeys now visited by over 45,000 users.
- Built a CI/CD testing infrastructure with Cypress and Jest, hosted on github actions.
 - Reduced error reports generated in Sentry from PR's by 16% in the 3 months following.
- Spearheaded document generation feature to improve financial adviser workflow, estimated time saved is 1 hour per report, with over 500 generated to date.
- Team lead on a project with a top 5 financial advice firm in the UK, delegating tasks, dealing with cross party communication and bug resolution, writing extensive documentation.
- Created identity check software integrating Smart Search in Ruby and Ruby on Rails.
- Built flagship website: <https://ningi.co.uk>

Arcus Development - September 2020 - Present

Freelance Web developer

- Gathered customer requirements, designed and wire-framed using Figma, developed bespoke websites, using NextJS, Tailwind CSS and Prismic as a headless CMS.
- Performed SEO and provided analytics to give clients precise metrics upon which they could tailor their business (Google Analytics, Umami).
- Built and optimized HTML email templates to improve click-through and conversion rates in marketing schemes.
- An example: <https://clearwaterssv.co.uk/>

Education:

B.S. Computer Science - University of East Anglia (2021) - 2:1

Final year modules:

- Artificial intelligence
- Machine learning
- Computer vision
- Human computer interaction

Skills:

Frontend: JavaScript (TypeScript, React, NextJS), CSS (Styled Components, Tailwind, Vanilla), Storybook.

Backend: NodeJS, Ruby on Rails, Python.

API's middleware: GraphQL, NextJS Auth, Postman.

Databases: SQL (PostgreSQL), MongoDB.

Devops: Git, Jest, Cypress, Sentry, Docker, HotJar, Jira, Agile development.

Miscellaneous: Chatbot development, deep learning classifiers, Open AI, Fast API.

Other:

A field hockey coach of 5 years, working with university teams, at UEA and Bristol University as well as the junior England performance teams.

Leading sessions of up to 42 players (2 squads). Working alongside support staff and creating a positive atmosphere for the players and staff alike.