Matthew Lennon

Typescript, React, React Native Developer

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Contract Experience

MANA LTD | Software Developer
February 2022 – Present

➔ Developed a react native mobile app and react website in tandem, implementing basic functionality to deliver early, then iterating further to desired requirements.

➔ Added instant messaging (IM) by implementing a 3rd party IM client onto all platforms. This entailed writing custom data retrieval, new UI components and lots of collaboration with the team and IM provider.

➔ Became a domain expert in the IM integration, adding threads, message actions. Later making messages viewable alongside a video stream.

➔ Integrated video streaming to the app and web. The libraries provided had to be forked and heavily modified to suit the business needs. Implemented 1-1 video chat, group events and listing users with an option to ban them.

➔ Added a TikTok style homepage to the app. This provided lots of challenges, e.g background data retrieval and rendering performance, which was complicated by the content itself. The screen was later expanded to hold other content types with ease.

➔ Various improvements to the app and website, e.g added event booking flow, animations, de-duping button & api logic, improved analytics tracking.

Technologies used

React, React Native, TypeScript, NextJS, Stream.io (IM provider), Agora (Video)

Employee Experience

MISSGUIDED | Senior Software Developer
September 2019 – January 2022

➔ Delivered a new app with an agency MG brought in. As the only MG developer on the app I acted as a bridge between different teams within the business and stakeholders of the app, we had to reach feature parity with the old app and bring in some new payment options.

➔ Core developer in the rewrite and successful release of the Missguided (MG) website in React & TypeScript. Balancing code quality with delivery was a challenging yet rewarding experience. The codebase was developed and maintained to high standards and always had 95-100% test coverage.

➔ Collaborated with back-end teams to write new & improved services for the app.

➔ Held workshops for other developers of varying backgrounds. Subjects included: TypeScript, React, TDD, React Native, Redux etc.

➔ Regularly conduct interviews for new members of staff. Created our React interview test.

➔ Participated in sprint ceremonies on a two week cadence for the entire duration of employment. Attended agile/scrum training.

Technologies used

React, React Native, TypeScript, Firebase, Google Analytics, Amplience CMS

Skills

PROGRAMMING

Proficient:
TypeScript • JavaScript
Python • Bash • SQL • Lua
CSS • HTML

Familiar:
Rust • Swift • Java

LIBRARIES/FRAMEWORKS

React Native • React • Jest
Node.js • GraphQL
Redux (& Sagas) • i18n

TOOLS/PLATFORMS

Proficient:
Git • ESLint/Prettier • Webpack
GitHub Actions • Bitrise

Familiar:
Jenkins • AWS

Education

LIVERPOOL JOHN MOORES UNIVERSITY
Software Engineering
BEng 2:1
2013 - 2017

BURY COLLEGE
Electrical and Electronic Engineering
Grades: A, A, B
2009 - 2011

ST MONICA'S
Secondary School
7 GCSE's A-C
2004 - 2009

References

Available on Request

Employee Experience (Continued)

BARCLAYS BANK | SOFTWARE DEVELOPER
June 2017 – September 2019

- ➔ Primarily worked on front-end code (TypeScript, React, JavaScript, EJS) in many applications of varying ages, improving the quality of the code to make it easier to maintain in the future.
- ➔ Delivered a new application for system administrators. Developed with 100% test coverage, written in TypeScript, using React.
- ➔ Studied all aspects of the project to gain expertise in the bank's diary application.
- ➔ Regularly reviewing other developers code and teaching better development practices such as TDD and DDD across our team.

WEB APPLICATIONS UK | SOFTWARE DEVELOPER (INTERNSHIP)
July 2015 – August 2016

- ➔ Worked across the full stack of the application (JavaScript, ASP.net, MSSQL)
- ➔ Used MSSQL daily to write queries, stored procedures and quick statements.
- ➔ Joined a team which delivered a revamped UI for the core system.

Personal Projects

LINUX DESKTOP | BASH, LUA, VIM
- ➔ Creating scripts to speed up common tasks and optimise my workflow
- ➔ Extensive customisation and configuration of the desktop
- ➔ Gain better understanding of UNIX philosophy (modularity, pipelines, agile delivery)

3D DESIGN / PRINTING | CAD, G-CODE
- ➔ Self-taught in computer aided design, allowing me to design novel solutions to problems in the real world. e.g
  - – Home repairs • Custom storage • Desk mods • Bike attachments
- ➔ Added various upgrades to my 3d printer, allowing for faster & higher quality prints