Josh Mills

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Experience

The Day News & Media   London, United Kingdom
Full Stack Developer   *July 2019 – Present*

> The Day had a legacy bespoke static site generator; my work revolved around replacing this system gradually. I worked as part of a small team and was for the most part the sole developer. I had chance to improve my technical skills by working in a test driven development environment, and to learn to how to manage both the technical and non-technical needs of a long-term project effectively.
>
> **Stack:** Rails, Git, Svelte, Sass, Elasticsearch, AWS, Docker, Redis, Postgres

Nublue   Lancaster, United Kingdom
PHP Developer   *Oct 2015 – Jan 2018*

> At Nublue I worked as part of a web development agency on a number of projects. I was the lead back-end developer on a CakePHP new build and worked closely with the client during the build.
>
> **Stack:** PHP, Magento, CakePHP, Laravel, Git, MySQL

Lancashire Local Resilience Forum   Lancaster, United Kingdom
Developer (University Placement)   *Jan 2018 – July 2018*

> I worked with the LLRF both as part of a placement term and as the basis for my masters dissertation. They have a VoIP system that allows them comunicate between a skype-like interface and a radio handset. My work included building a prototype small form factor gateway and a prototype distributed system using a DHT to replace their conventional server.
>
> **Stack:** C++, OpenDHT, Raspberry Pi, radio equipment

Projects

University Orientation App (XPlore)   Nov 2017 - Dec 2017

> For one of my university modules I developed an Android app with a group of other students. The goal was to encourage new students to explore the campus and learn some of its history.
>
> **Stack:** Javascript, React Native

Dana Web Interface   Sept 2016 - July 2017

> During my degree dissertation I worked with a experimental self-emergent programming language called Dana. I worked to build a web app that would wrap an arbitrary Dana program in a user-friendly interface, enabling the user to edit its structure and function during runtime.
>
> **Stack:** Dana, Vue.js, TypeScript, Sass

Skills and interests

Workplace Skills: Enthusiastic and humble attitude to peer programming and code reviews. Experienced with working closely with non-technical members of the team and with clients. Happy to work in a agile development environment. Comfortable with adapting to new technologies and problem domains in order to become a productive member of the team quickly.

Interests: Reading, history, languages, linux, free software, privacy, games (board and video) and travelling.

Education

Lancaster University   Lancaster, United Kingdom
MSci Hons Computer Science   *2014 – 2018*

> I graduated with a computer science integrated masters with a 2.1. I particularly enjoyed the modules on embedded systems, operating systems and distributed systems. As is common among university courses, we mostly programmed in either C or Java.

Winstanley College   Wigan, United Kingdom
A Levels: Maths, Further Maths, Computing   *2012 – 2014*

References

Available upon request.