**John Lowther**

*Fareham/Remote*

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**BACKGROUND**

I am a Full Stack software engineer with over 9 years of experience working in the industry. My primary expertise is in React, Vue, .NET and Node.js, all of which I have used extensively to create new products and solutions in both a professional and personal capacity. I am looking for a position where I can continue to apply my existing skill set effectively whilst still having opportunities to learn. I am keen to work on interesting and fulfilling projects that will offer me challenges where I can make a significant positive impact.

**TECHNICAL SKILLS**

**Frontend**: JS | TS | React | Vue.js | Razor | Blazor | Angular | Electron | Redux | HTML | S/CSS

**Backend**: Node.js | C#/.NET

**Databases**: SQL Server | MongoDB | Entity Framework

**Testing:** Cypress | Mocha | Chai | MSTest

**Dev Ops**: Docker | AWS | Azure | Git | NPM | Webpack

**Methodology**: SCRUM | Agile | DDD | SOLID

**Architectures**: Microservices | Monolithic | Microfrontends

**Other:**  RxJS | Linux | OAuth2

**EMPLOYMENT HISTORY**

**Webeo – Senior Software Developer (03/2019 - Present)**

* Built an embedded website personalisation editor from scratch, solving many UI/UX and technical problems which were unique to the product.
* Continuously worked towards improving the underlying architecture of the backend Node.js microservices, aiming to create a more maintainable, domain driven codebase, with a clear API surface.
* Mentored newer and less experienced colleagues on new techniques, technologies and best practice, assisting them on tasks when required.
* Completely updated the legacy MVC frontend to use Vue whilst keeping the existing microfrontend pattern, where I was responsible for delivering the initial prototypes and templates to be used.
* Updated the local development environment to use Docker with a single docker-compose to spin up all required services and dependencies.

**Serenity Holidays – Software Developer (06/2017 - 03/2019)**

* Made significant contributions to revamping a legacy system that accommodated for the travel company's diverse business processes.
* Being the sole developer on the project at one point, I had the responsibility for understanding and maintaining all parts of the code base and tech stack.
* Assumed a leadership role within the team as a technical expert and direction for implementation.
* Handled implementation of all security, using ASP NET Identity, JWT and OpenID.

**Nxtera Ltd – Software Developer (11/2015 - 06/2017)**

* Worked on a multi-platform software solution that monitored and tested different aspects of telephone systems and voice recorders mostly using C#.
* Designed, developed and tested a custom SIP phone that could be used to make hundreds of test calls. This required implementation of the SIP communication protocol from scratch and using audio encoding to send audio across a network.
* Liaised with customers whilst working on banking systems to deploy and test software where extreme care and consideration was needed to avoid interference with their normal operation.
* Made connections and sent commands programmatically over SSH.

**Sony Professional Solutions Europe – Software Developer (08/2014 - 11/2015)**

* Fixed bugs on multiple projects relating to Sony's Media Backbone Conductor using Java and Linux.

**Barclays Technology Centre Radbroke – Software Developer (11/2013 - 07/2014)**

* Assisted with both feature development and bug fixing for the Windows Pingit mobile app, which managed to hit a 4.5/5-star rating on the app store. I received a lot of exposure to the testing, design and support aspects of the various applications as part of a large established organization.

**FDM Group – IT Consultant (08/2013 - 11/2015)**

* At this IT consultancy company, I was initially trained in Java, SQL and Unix. My two placements at Barclays and Sony kickstarted my development career.
* Completed training in the fundamental principles of working in the software development industry, being placed onto an accelerated training program.

**ADDITIONAL INFORMATION**

**Programming | Drawing | MTG | D&D/Models**  **| Chess | Badminton**

Throughout my education I have taken all exams a year earlier than is usual, finding success at each stage of my academic career. I always have a number of personal projects I am working on, often related to my other hobbies and interests. Please check out my GitHub ([*https://github.com/QuantumWarp*](https://github.com/QuantumWarp)*)* to see what I am working on currently and links to their self-hosted websites. A few examples are:

* **Fractal Viewer** – A web application that was inspired by my early dabbling, where I would often create projects related to my degree. When starting out it was fun making applications that provided some cool visual feedback and fractal generation was a great example of this.
* **Tabletop Assistant** – One of the projects I am actively working on. The current live version I built quickly to allow me to do away with paper when playing D&D. Currently working on adding a NoSQL backend with user accounts to make the application more accessible to a wider audience.

**QUALIFICATIONS**

Southampton University (09/2010 - 06/2013)

BSc Hons Mathematics 2:1

A-Levels: Maths (A\*) Further Maths (B) Physics (A)

AS-Levels: Computing (A) Music (C)

**References available on request**