

RYAN PARK

Senior Software Engineer

@ resume@ryanpark.co.uk <https://www.github.com/rp4rk> Manchester, United Kingdom

SUMMARY

Senior Software Engineer with over 8 years of experience in building innovative applications, especially in high-stakes environments like the medical sector or business analysis. Passionate about advocating for the user and developers alike, and consistently improving performance and functionality through strategic problem solving and collaboration. I am eager to contribute my expertise in modern web technologies, and thrive in environments that promote continuous learning and user-centric development.

EXPERIENCE

Senior Software Engineer

NearForm  04/2022 - Present  Manchester, United Kingdom

NearForm are a NodeJS specialist consultancy that pride themselves with their commitment to open-source. During my time at NearForm I've worked with their largest client to provide solutions for business analysts working with lots of data.

- Identified several bottlenecks in business critical areas of the application, resulting in up to 90% fewer re-renders and 80% more interactive (TTI) dashboards.
- Profiled and improved underperforming code in frequently hit endpoints, resulting in up to 0% improvement in response times.
- Lead efforts to provide new visualisation methods for Business Analysts, allowing for 2 new and configurable methods of showing data to downstream clients.

Senior Software Engineer

Unosquare  08/2017 - 04/2022  Belfast, United Kingdom

Unosquare are a contracting company that operate globally, during my time here I have mainly worked on clients in the medical field. My more recent client is a contributor to the Cloud Native Computing Foundation, and work on creating tools for developers that help with adopting k8s.

- Lead diverse teams towards delivery of complex tooling for critical medical applications.
- Created a dynamic front-end for bespoke surgery scheduling with a rule system using React+Redux.
- Converted business requirements into production-ready payment systems within 6 weeks.
- Hardened geocoding systems as part of a business-critical system, resulting in a success rate of >99% from <50%.
- Headed the efforts to migrate a client towards automated testing, reducing the development feedback loop and increasing coverage.
- Responsible for guiding peers towards career goals, and facilitating communication between team members and the business.

Software Engineer

GoReport  04/2016 - 04/2017  Belfast, United Kingdom

GoReport created software for building contractors to survey and report on building sites. I was responsible for creating a consistent aesthetic between the web client and iOS client.

- Learned Swift while becoming familiar with the new technology stack in order to facilitate business needs.
- Developed and deployed a consistent experience across the iOS and web clients.
- Created a service that translated a flaky external SOAP API into a dependable REST API.

SKILLS

AWS	Angular	Bash	Git
HTML/CSS	NodeJS	PostgreSQL	
Redis	Typescript	Javascript (ES6+)	
Jest	Express	Github	Agile
Shape Up	React	Redux	
Styled-components	Immer	Yarn	
NPM	Github Actions	NextJS	




EDUCATION

Interactive Media Art (BA)


University of Ulster

 2012 - 2015

KEY ACHIEVEMENTS

-  **Performance Advocate**
Users had real trouble with the performance of the application at larger data-sets. By identifying and correcting large bottlenecks by up to 90%, and advocating for smaller-scale refactors over time, our clients have significantly less trouble when using the part of our application the team maintains.
-  **Geocoding Bottleneck**
Improving the success rate to >99% represented the removal of a bottleneck in a system that handled treatment of cancer patients. I am very happy to have been able to remove this concern.
-  **Team Lead**
Getting to know your team better, and watch as they grow professionally is incredibly rewarding and an aspect of the job I did not know I would find so rewarding.

PASSIONS

-  **High Fantasy**
-  **Powerlifting**