
Christopher Millar

Software Developer

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SUMMARY

A highly motivated, versatile and passionate Software Engineer offering enthusiasm and commitment to developing modern software solutions. I am able to work within a team or autonomously to deliver well documented solutions to complex problems.

In 2022 I completed a MSc in Software Engineering to expand my current skill set whilst pursuing my passion for software development. I am actively seeking a Software Development role at an ambitious product-focused company that can offer interesting challenges, project based learning and future career progression opportunities.

TECHNICAL SKILLS

- Front-end experience programming front-end applications in Javascript using modern frameworks such as Next.js.
- Additionally have experience designing engaging and intuitive styling in HTML and CSS
- Backend experience in developing web applications in Java adhering to OOP and SOLID best practices
- Adhering to best practices for testing my software, maintaining a high level of coverage with unit tests as well as manual user testing my projects.
- Have experience in designing and implementing persistence layer schemas in MySQL.
- I have a strong handle of managing project versioning using Git and use of Github for repository management.
- Additional experience of CI/CD of web-apps using Vercel.
- Peer-programming experience with team members to provide Code Reviews for group projects.

PERSONAL PROJECTS

Watchpoint, Fitness and Nutrition Tracker

- Designed and developed a statically generated, mobile-first fitness tracking application in Javascript using the Next.js framework using an agile methodology.
- Custom styling implemented with a combination of CSS and HTML
- Planned DB schema of project data requirements as well as creating UI frameworks in Sketch to the layout and structure of the application for an intuitive user experience.

- Managed the continuous iteration and deployment of changes using Vercel, a CI/CD tool empowering me to develop and ship changes quickly and efficiently.
- Implemented the Auth0 plugin to secure user access to the application.
- Maintained my codebase adhering to SOLID principles applicable to front-end frameworks.
- Performed continuous unit testing for new features, static code analysis and code refactoring to eliminate tech debt and create a maintainable code base.

EXPERIENCE

MCMS Services, Belfast, Co. Antrim - *Support Engineer*

JANUARY 2023 - PRESENT

- Implementing a new Javascript program to streamline internal processes and provide new insights with key metric calculating and reporting.
- Create and maintain project documentation to enable knowledge sharing of developed projects across teams, eliminating any tribal knowledge of the codebase.

Radius Plastics, Lurgan, Co. Armagh - *Quality Engineer*

JANUARY 2018 - SEPTEMBER 2021

- Developed and implemented a new recording process using Visual Basic & Excel with easy-to-use interface, used by technicians to record quality incidents which provided complete transparency for managers and reduced miscommunication between shift handovers saving hundreds of staff hours.
- Use of design and engineering skills to create and manage production standards and bill of materials, as well as restructuring processes to ensure clear and efficient channels of communication while standardizing product drawings throughout the company.
- Carried out internal audits to ISO 9001 standard and conducted in-depth investigations into new products by using a wide range of testing equipment.

EDUCATION

Queen's University Belfast, Co. Antrim - *MSc Software Development*

SEPTEMBER 2021 - NOVEMBER 2022

Graduated with Merit and earned a Distinction in my Dissertation.

Loughborough University, Loughborough - *BEng Mechanical Engineering*

SEPTEMBER 2015 - AUGUST 2019

Graduated with Second Class Honors in Mechanical Engineering.

REFERENCES - *Available Upon Request*