

# Conor Walters

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## PROFESSIONAL OVERVIEW:

I am an accomplished Software Engineer with a diverse background spanning multiple teams and technical stacks. With four years of experience as a Software Engineer consultant, I have navigated a variety of technical challenges, collaborating with fellow engineers to develop innovative, highly distributed and complex systems.

Driven by results and dedicated to customer satisfaction, I possess exceptional analytical and problem-solving skills and thrive in environments that prioritise collaboration, whether in small, dynamic teams or larger, cross-functional settings. I passionately believe in the value of mutual learning and mentorship as integral components of personal and technical growth and actively contribute to mentoring developers.

In my recent role, I played a pivotal role in developing software to monitor the Software Development Lifecycle (SDLC) across all teams within a prominent medical company based in the US. My responsibilities included architecting and implementing efficient microservices using Node.js / Typescript for backend and React for frontend to facilitate software release verifications, as well as designing and maintaining Java Spring APIs for data ingestion, critical for subsequent verification processes.

## KEY SKILLS:

- Proficient in API development using Node.js, TypeScript and Java Spring, with a track record of delivering robust and scalable solutions.
- Designed and implemented comprehensive system architectures for microservices, optimising performance and maintainability across diverse codebases.
- Extensive experience in developing event-driven APIs, ensuring responsiveness and scalability to meet evolving business needs.
- Demonstrated expertise in writing unit, regression, and BDD tests, employing a comprehensive testing strategy to deliver high-quality software products.
- Active participant in Agile software development practices, contributing to meetings, backlog grooming, design sessions, and sprint ceremonies, fostering collaboration and driving project success.
- Proven mentorship abilities, guiding junior developers and facilitating their onboarding process while maintaining productivity on concurrent projects.
- Hands-on experience in developing and maintaining PostgreSQL databases, seamlessly integrating database design with API development for optimal performance.
- Implemented CI/CD pipelines using Jenkins and GitHub Actions streamlining deployment processes and ensuring consistency across multiple environments.
- Proficient in utilizing GitHub for version control and collaboration, fostering transparency and efficiency within project teams.
- Proficiency in cloud technologies using AWS to manage multiple environment website deployments including DNS registration.

## EDUCATION:

2017– 2021: BSc (Hons) Software Engineering, Queens University, Belfast

- Grade: First Class Honors

## **CAREER HISTORY:**

**July 2019 to July 2020**

**Associate Software Engineer: Philips, Belfast**

- I worked in a small development team that were focused on developing web applications to assist pathologists in the diagnosis of cancer through the consumption of AI algorithms, enabling pathologist therefore to work remotely and collaboratively by providing a management and diagnostic front-end system to store, display and review image slides. The web application exposed me to ReactJS and AngularJS JavaScript frameworks for front end development and C#, NodeJS and typescript for developing API's.

**November 2021 to Present**

**Software Engineer: Unosquare, Belfast**

- Consistently delivered exceptional performance across multiple teams and projects, fostering a comprehensive understanding of coding practices and concepts across diverse tech stacks. Demonstrated adaptability and proficiency in navigating complex development environments.
- Participated in an internal Center of Excellence (COE) program at Unosquare, leading the development of a project from inception to completion. Orchestrated the setup of CI/CD pipelines and active environments, ensuring seamless integration and deployment processes. Acted as a mentor within the program, providing guidance and support to fellow developers across various languages and tech stacks. Produced both React websites and React Native mobile applications up to the point of deployment.
- Served as a Software Developer for a prominent cancer diagnosis company in the US, specialising in precision medicine, for the past 4 years. I have played a pivotal role in the development of a system for tracking software deployments across all software teams within the company and utilising the tool to decrease and eliminate blockers in each teams SDLC lifecycle. This system facilitated the production of FDA-approved documentation, ensuring compliance with company-defined practices and regulatory standards. During my time on this project, I have come to appreciate and understand the complexity of developing large scale, highly distributed apps and the work that is involved in tracking these deployments and aim to use this knowledge in all future development practises to ensure I am always using the most appropriate techniques to deploy the best coding standards and projects.

## **PERSONAL:**

- Worked on developing and deploying websites for local yacht clubs around Strangford lough
- Driver, clean licence
- DOB: 25.10.1998
- Interests include: Sailing, running, golf, rock climbing and programming

## **REFERENCES:**

Available on request