

Ruairi Grimes

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LINKS

[LinkedIn](#)

PROFILE

Experienced Full-Stack Software Engineer adept in bringing forth expertise in design, installation, testing and maintenance of software systems. Proficient in various platforms, languages, and technology stacks.

Experienced in many different areas of Information Technology, including DevOps, CI/CD, Software Development, Information Security and Service Desk.

Committed and determined to advance my career, adapting and learning new technologies and contributing to a fast-paced and exciting development team.

EDUCATION

Sep 2019 — Jun 2022

Foundation Degree in Computer Science, Ulster University

Completed alongside my apprenticeship. Graduated with a Distinction.

SKILLS

Full Stack Software Development	C/C++
Spring Boot	Typescript
Angular	DevOps / CICD
Oracle ADF	Scripting: Python, Powershell
Java	Collaboration

EXPERIENCE

Sep 2019 — Jun 2022

Computing / IT Apprentice, Almac

I spent 3 years as an Computing / IT apprentice for Almac group along with completing a concurrent foundation degree in Computer Science. I carried out a diverse range of IT related work in these years, fulfilling the the duties of numerous of roles.

Information Security: Managed and mitigated phishing threats using Microsoft Defender, ensuring robust email security.

Service Desk Level 2: Provided advanced technical support, resolving complex hardware /software issues and enhancing user satisfaction.

Microsoft Power Platform: Developed automated workflows with power Automate and creating chat-bots to help streamline and lower the volume of Triage tickets, improving operational proficiency.

Additional work in other IT areas: Contributed to various IT projects, gaining a well-rounded skill set in system administration, network engineering and software development.

Jun 2022 — Present

Software Engineer, Almac

Automated Unit Testing: Developed and maintained automated unit and Integration tests for a variety of projects using different technology stacks such as Jakarta EE, Spring Boot, Angular, Selenium and Oracle ADF to ensure code quality and reliability.

CI/CD Integration: Integrated unit tests into a GitLab CI/CD pipeline, automating the build, test, and deployment processes to enhance development efficiency and code quality.

Coverage and Quality: Implemented automated jobs for code coverage analysis, leveraging tools like SonarQube to continuously monitor and improve code quality.

Pipeline Automation: Created and managed CI/CD pipelines in GitLab, incorporating automated jobs such as build, test, deploy, and automatic form generation using custom Powershell scripts in the pipeline.

Collaborative Development: Worked closely with development teams to ensure tests were comprehensive and aligned with project requirements, facilitating a collaborative and quality-focused development environment.

Project Management in Jira: Translated functional requirements into detailed development tasks in Jira, efficiently managing and executing project deliverables.

Continuous Improvement: Actively participated in the continuous improvement of the development process by introducing best practices for testing and deployment.

Documentation: Documented testing processes, CI/CD configurations, and best practices to support knowledge sharing and on boarding of new team members.

Key Achievements

Enhanced Testing Coverage: I successfully improved test coverage on a variety of large projects to >85% by implementing robust automated testing strategies and implementing them into a CI/CD Pipeline in Gitlab.

Pipeline Efficiency: Reduced Build and Deployment times by developing optimised CI/CD pipelines to replace older Jenkins build Jobs.

CI/CD Adoption: Played a key role in the adoption and optimisation of GitLab CI/CD within the development team, leading to more efficient and reliable software delivery.

Quality Assurance: Improved overall code quality and reduced the number of post-release bugs by integrating SonarQube for static code analysis and continuous quality checks.

Project Success: Contributed to the successful delivery of several releases by ensuring high-quality, well-tested code through rigorous automated testing and CI/CD practices.

HOBBIES

In my free time I enjoy keeping up to date with Technology, such as PC Hardware, Gaming and the Mobile Phone industry.

I also enjoy watching sports, being social and working on personal technical projects like game development and web development.

EXTRA-CURRICULAR ACHIEVEMENTS

Codecademy Courses

Learn C

Learn Javascript

Create REST APIs with Spring Boot and Java