

Ruairi Grimes

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LINKS

[LinkedIn](#), [Personal Website](#), [GitHub](#)

PROFILE

Experienced Full-Stack Software Engineer specializing in GxP-compliant software for the pharmaceutical industry. Skilled in CI/CD pipeline automation, enterprise system integration, and middleware solutions. Proficient in multiple programming languages, database management, and server administration. Passionate about building scalable, high-quality software in regulated environments.

EDUCATION

Sep 2019 — Jun 2022

Distinction | Foundation Degree in Computer Science, Ulster University

Completed alongside my apprenticeship.

SKILLS

Full Stack Software Development

Scripting: Python, R, Bash

iWay Integrations Middleware

DevOps / CICD

Java

C/C++

Spring Boot

SQL, PL/SQL

Angular

Collaboration

EXPERIENCE

Jun 2022 — Present

Software Engineer, Almac

GxP-Compliant Software Development

- Developed and maintained GxP-compliant computer software for the pharmaceutical industry, ensuring adherence to CRF Part 11, Data Integrity best practices, and regulatory requirements.
- Experienced in working within a quality system, supporting regulatory compliance efforts, and ensuring proper high-quality documentation and validation of software.

Integration & Middleware Development

- Designed and implemented integration solutions using iWay Integration tools and Service Manager Middleware, facilitating seamless data exchange between external API's and our own in-house enterprise applications.
- Developed system integration solutions, ensuring scalability, reliability, and compliance with industry standards in data management and software engineering.

Database & Systems Administration

- Proficient in SQL, PL/SQL and Oracle, designing and optimising database-driven applications and ensuring efficient data management.
- Experienced in Linux and Windows Server administration, managing secure and reliable deployment environments.

Software Development & Test Automation

- Designed, developed, and maintained automated unit and integration tests across diverse technology stacks, including Jakarta EE, Spring Boot, Angular, Selenium, and Oracle ADF, ensuring robust code quality and reliability.
- Implemented automated code quality analysis using SonarQube, leading to >85% test coverage on large-scale projects and reducing post-release defects.

CI/CD, Pipeline Automation & Software Delivery

- Architected and optimised CI/CD pipelines in Gitlab, automating key processes such as build, test, deployment, and form generation using custom Powershell scripts.
- Led the adoption of optimisation of GitLab CI/CD within the development team, replacing legacy Jenkins build jobs, improving software delivery speeds and reliability.

Project & Documentation Management

- Effectively translated functional requirements into development tasks using Jira, ensuring project milestones were met with precision.
- Authored comprehensive documentation on testing processes, CI/CD configurations, and best practices, streamlining team onboarding and knowledge sharing.
- Actively contributed to the continuous improvement of development workflows, introducing best practices for testing, deployment, and integration.

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 duties of numerous 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.

HOBBIES & INTERESTS

Passionate about software development, Linux and scripting, automating personal workflows with shell scripts. Enjoy socialising with friends, keeping up with emerging computer hardware, and staying active.