

Blaine Burke

Software Engineer

[linkedin.com/in/blaine-burke](https://www.linkedin.com/in/blaine-burke)

+353 892576083

BlaineBurke1999@gmail.com

[View my Portfolio](#)

Personal Summary

Experienced and results-driven Software Engineer with 4+ years delivering high-quality software solutions, driving architecture improvements, and ensuring reliable system performance. Strong track record in designing, developing, and maintaining scalable applications using cloud technologies, REST APIs, and modern DevOps practices within Agile teams. Skilled in diagnosing complex technical issues, optimizing performance, and leading improvements that enhance product quality and customer outcomes. Recognized for clear communication, mentorship, and a proactive, ownership-focused approach to engineering excellence.

Key Skills

- **Test Automation & Quality Engineering:** Test Automation, BDD, Selenium, API Testing (Postman), JUnit, TestNG, Integration Testing, Functional Testing, End-to-End Testing, Regression Testing, SonarQube
- **Software Development:** Java, JavaScript, SQL, Object-Oriented Programming (OOP), Spring Boot, REST APIs, Node.js, React, Linux
- **CI/CD & DevOps:** Jenkins, Maven, Git, CI/CD Pipelines, Docker
- **Cloud & Infrastructure:** AWS (Certification in progress), Docker
- **Technical Support & Troubleshooting:** Incident Resolution, Root Cause Analysis, Production Support, Performance Monitoring, Debugging
- **Collaboration & Delivery:** Agile, Scrum, Jira, Confluence, Test Strategy, Mentoring

Professional Experience

GlobalLogic Ireland

Software Engineer and Test Lead (Sept 2021 - Present)

- **Built and optimized full-stack applications** using Java, Spring Boot, JavaScript, and React, improving performance, usability, and overall system reliability.
- **Investigated and resolved software defects** and production issues, enhancing application stability and user experience.
- **Served as Test Lead**, coordinating testing activities, mentoring junior team members, and ensuring quality standards across releases.
- **Designed and executed test plans and test cases** for web applications and backend APIs, covering functional, integration, exploratory, and regression testing.
- **Performed API testing** using Postman and validated application data through SQL queries to ensure backend accuracy and integrity.
- **Conducted UI and cross-browser testing** to maintain consistent user experience across platforms.
- **Managed the defect lifecycle**, logging, analyzing, and verifying issues while collaborating with engineering teams to drive resolutions.
- **Functioned as interim Scrum Master**, facilitating Agile ceremonies, aligning stakeholders, and supporting sprint planning and backlog refinement.

- **Researched and remediated security vulnerabilities (CVEs)** to strengthen system security and compliance.
- **Deployed and supported cloud-based applications**, ensuring reliability, scalability, and operational performance.
- **Authored and maintained technical documentation** in Confluence to support knowledge sharing and team onboarding.

Education & Certifications

- **BSc (Hons) in Computing and Software Development**, Atlantic Technological University (2017 - 2021)
- **AWS Cloud Practitioner Certification** (Certification in progress)
- **Microsoft Fabric Course**

Additional Experience & Leadership

- **Lifeguard Instructor**
Taught CPR, water safety, and rescue techniques to youth participants.
- **Foróige Youth Leader**
Organized group activities and mentored teenagers, fostering teamwork and leadership.

References available upon request