

Lochlann O'Neill

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Hello!

I am a Software Engineer with experience in building distributed systems, cloud-native applications, and automation solutions. I am skilled in designing, developing, and testing microservices, APIs, and cloud infrastructure, and I am passionate about solving complex technical problems, learning new technologies, and contributing to impactful projects in collaborative environments.

In my current role as a **Software Engineer** at Vodafone, I develop backend Java-based microservices using Quarkus and Kubernetes, ensuring scalability, containerization, and high availability. I maintain over 80% unit test coverage, support CI/CD pipelines with Maven, and build REST and SOAP APIs to integrate with external systems. These responsibilities have strengthened my ability to design, implement, and test distributed systems in agile environments.

Previously, as part of the **Network Infrastructure Management and Deployment** team, I worked directly on datacenter migrations, auditing assets and leading the migration of 70% to Sunbird DCIM. This enabled real-time analytics that improved operational efficiency, reduced costs, and enhanced scalability—experience that directly aligns with Azure Firewall's mission of delivering network security services at hyper-scale.

Alongside my professional experience, I hold a **First-Class Honours BSc in Software Development** and am planning on pursuing a part-time MSc in the near future. My academic and personal projects have spanned cloud automation, REST APIs, distributed systems, and containerized services. My technical foundation spans Java, Python, C#, C, and SQL/NoSQL, complemented by Kubernetes, Docker, Quarkus, and major cloud platforms (AWS and Azure).

I thrive in collaborative environments where I can both contribute and grow. I am motivated by challenges that require designing fault-tolerant, high-performance solutions, and I look forward to opportunities that allow me to build on my existing expertise while continuously developing new skills.

Sincerely,
Lochlann O'Neill