

Jake McDermott

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Currently on Career Break

June 2025 - Present

Traveling internationally and investing time in upskilling and independent projects.

Professional Experience

Workday Inc, Dublin - *Senior Software Engineer (Devops)*

July 2017 - June 2025

Original member of Workday's Public Cloud team. Progressed from graduate engineer to senior, helping transform a legacy on-prem architecture into a production-ready public cloud platform now powering Workday's customer offerings.

- Led migration of DC-hosted infrastructure to AWS and GCP Kubernetes platforms
- Built GitOps workflows (ArgoCD and Tekton), replaced Jenkins pipelines with declarative CD
- Created Kubernetes operators in Go to automate infra and application ops
- Developed scalable frameworks for zero-downtime deployments, DR and multi-cluster networking

Amazon Web Services, Dublin - *Software Engineering Intern*

Feb 2016 - Aug 2016

Developed a caching layer using Python Flask to improve tool performance in AWS Network Automation. Achieved an 86% reduction in load times, saving over 870 engineering hours annually.

Archway Products Ltd, Jamestown - *Software Developer Intern*

May 2015 - Sep 2016

Built internal tools to automate logistics and financial workflows using Groovy/Grails. Handled tasks like route optimization, payroll calculation and supplier analysis.

Education

Maynooth University - *BSc. Computer Science & Software Engineering*

Sep 2013 - May 2017

Graduated with First Class Honours

Carrick Community School - *Leaving Certificate*

Sep 2008 - May 2013

Graduated with 420 points