

# Resume for Daniel Loth

Citizenship: Australian  
Location: Canberra, ACT, Australia

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## Skills

- Development: C#, .NET Core, .NET Framework, ASP.NET Core, Entity Framework Core, SQL Server, T-SQL, automated testing, relational database design and modeling, query optimisation, HTML, CSS, and JavaScript.
- Tools: Visual Studio, Git (version control), Terraform, AWS CLI, PowerShell, SQL Server Management Studio.
- Platform: AWS cloud (EC2, IAM, SQS, DynamoDB, CloudFormation, S3, Lambda), Docker, Kubernetes.
- DevOps and Application Lifecycle Management: Jira, GitHub, Octopus Deploy, TeamCity.
- Monitoring: Sumo Logic, New Relic, Database Performance Analyzer (DPA).
- Interpersonal: Strong written and verbal communication skills, the ability to mentor others, analytical and problem-solving skills, and the ability to work both individually and within a team.

## Career and education

- Jun 2021 – present Senior software developer Xero
- Apr 2018 – Jun 2021 Software developer Xero
- Dec 2014 – Apr 2018 Software developer ACT Government
- Feb 2014 – Dec 2014 ICT Graduate ACT Government
- Sep 2011 – Apr 2013 Software developer DevFU Pty Ltd
- 2014 – Graduate Certificate in Public Administration at University of Canberra
- 2012 – Bachelor of Information Technology at Newcastle University.

## Employment history

I currently work within the Data Reliability Engineering (DRE) team at Xero, a cloud-native SaaS accounting platform running in Amazon Web Services (AWS). DRE carries out activities including software development, monitoring, incident support, and advisory work.

I developed a tool that analyses T-SQL change scripts and gives feedback to developers in their pull requests so that they can make their change script production-ready. I also developed an application that carries out data deletion for GDPR compliance reasons and operates on about 10 distinct Xero product databases to ensure compliance.

I was a senior engineer in the team that improved the data migration service that rebalances sharded subscriber data. This work involved system design, process design, planning future work, code review, writing documentation, mentoring junior and mid-level developers, and implementation work. Our efforts were chiefly concerned with improving the reliability of the service so that it went from carrying out short 2 minute data migrations to much longer migrations sometimes exceeding 12 hours without issue.

I've interviewed over 15 applicants for intermediate and senior developer level roles within DRE, leading to 6 hires. I was also a people manager for the 2020 Xero graduate cohort, supervising 3 graduates.

References available on request.