# Luke Griffith

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## About

Luke is a passionate and highly focused individual, dedicated to learning about technology and its implementation. With 10 years of industry experience working with business critical infrastructure, and applications his primary skills set is infrastructure automation, configuration and testing through ci/cd methods with experience in software engineering. He has experience leading small DevOps teams using agile methods.

With a long background supporting and engineering Windows based solutions, the last couple years he's developed automation frameworks and solutions for hybrid cloud platforms with workloads primarily running on a linux kernel.

He has a keen interest in software development, CI/CD, reusable software design and enjoys building platforms and designing frameworks.

### Cloud Engineer @ G-Research (2018 - Present)

Currently within the cloud team, working on public and private cloud adoption throughout the business. Works daily with Terraform, Ansible, Python and golang working on AWS and Openstack platforms. GitHub is the primary VCS system with Jenkins, Ansible Tower, and Terraform Enterprise used to deliver ci/cd workflows.

- Architect for hybrid cloud account vending pipeline (AWS and Openstack)
- In-depth automation of AWS account on-boarding (IAM, SCP & Org) infrastructure.
- Design of self-service infrastructure pipelines for internal development teams. (gitops)
- Owner of on-prem IAC platforms for infrastructure and development teams (Terraform Enterprise, Ansible Tower).

### Windows Automation Engineer @ G-Research (2015 - 2018)

An initial member of the automation team, building out configuration baselines and automated pipelines for OS deployment. Designed pipelines and processes for package management solution.

- Powershell development & testing
- Config management & package management
- Automated build systems
- CI/CD methods /w Bamboo
- Git / SVN

### Infrastructure Engineer @ Attenda (2011 - 2015

Support of client infrastructure across various technology stacks. Having to show responsibility for problems using ITIL processes and deal with a fast pace customer focused environment.

- VMWare, AWX
- Linux, Windows
- Cisco ASA

*Full job history available on Linkedin.*

## University

### Computing BSc @ Birkbeck

Expected graduation is 2020, the course has helped me understand a lot of the history and fundamentals of computing technologies, but has also given me a broader understanding of the industry. My time at Birkbeck so far has taught me to be a better developer, understanding more of the terminology and concepts that underpin the technology I use on a daily basis.

Here is a subset of the modules I've found most interesting:

- Software Programming.
- Algorithm Design.
- Computer organisation and system architecture
- Machine learning concepts.

### Languages

Python, Go, Bash, JavaScript, PowerShell

### Recent Tools

Terraform Enterprise, Terraform, Ansible, Ansible Tower, Docker, Kubernetes, Jenkins