

Howard Keats

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Software and DevOps Engineer with experience as a part of an Agile team, strong soft skills and a first class Computer Science degree.

Key Skills and Technologies

- [Python](#)
- [Terraform](#)
- [AWS](#)
- [Ansible](#)
- [Docker](#)
- Linux -
[Ubuntu](#) and [CentOS](#) distributions
- [Scrum](#)
- [Git](#)



Experience

Engineer - [Roke](#)

September 2019 - Present

Work as a Software and DevOps engineer on mostly AWS projects. Work has included:

- Building a large scale (1000s of resources) testbed in AWS to test mobile applications across [VPCs](#), using [Terraform](#) and [Ansible](#).
- Terraform implementation of multiple serverless architectures in AWS, using [API Gateway](#), [lambdas](#), [SQS](#), [SNS](#), [SES](#), [DynamoDB](#) and other AWS Services.

- Leveraging AWS machine learning capability for sentiment analysis of text with emojis using [Comprehend](#), and image recognition of live video feeds with [Rekognition](#).
- Applying security best practices, as well as logging and monitoring functionality across all work using [CloudWatch](#) and [CloudTrail](#).

Graduate Engineer - [Roke](#)

September 2017 - September 2019

A 2 year graduate role, which involved a steep learning curve in order to make significant contributions on projects including:

- A cyber project, involving development in [Go](#), a [Django](#) RESTful API and an [Angular](#) interface.
- A python forensics project that makes use of [The Sleuth Kit](#) and the [Elastic](#) stack to gain insights on a collection of harddrives.

Software Industrial Trainee - Lockheed Martin

July 2015 - August 2017

Work on enterprise Java development as part of an Agile software team. Subsequent work included creation of in house applications for project management and infrastructure teams, that continued into the final year of University and formed part of a final year project.

Education

University

September 2013 - 2017

Bsc (Hons) Computer Science - University of Portsmouth - 1st Class

Interests

- [Photography](#)
- Travel
- Running
- [Chess](#)