

Dylan Ritchings

Email:

Phone:

Location:

GitHub: <https://github.com/DylanRitchings/>

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Experience

Software Developer

03/2022 – current

Met Office (QA Ltd Consultant)

In my current role, I am actively involved in the development and maintenance of aviation APIs. My responsibilities include:

- Constructing serverless infrastructure utilizing Python AWS CDK.
- Crafting Python AWS Lambdas integrated with scientific libraries to manage weather data.
- Creating tooling solutions aimed at facilitating the creation and ongoing maintenance of APIs.

Infrastructure Developer

10/2021 – 11/2022

IBM (QA Ltd Consultant)

I was involved in migrating legacy DEFRA applications to AWS, primarily focusing on:

- Creating Terraform scripts for deploying AWS infrastructure
- Developing Ansible and Packer scripts for generating AMIs for EC2 instances
- Creating automation scripts using Bash, Python, and PowerShell for tasks in AWS and server environments.

Technical skills

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|-----------------------|--|
| Programming languages | Python, Bash, Terraform, Ansible, Powershell |
| Testing | Python UnitTest, Moto, MagickMock, Cucumber, Gherkin |
| Markup Languages | L ^A T _E X, HTML, CSS |
| Operating Systems | Linux, MacOS, Windows |
| Cloud platforms | AWS (Python CDK, Boto3, CloudFormation, CLI), WSO2 API Manager |
| Database technologies | RDS, PostgreSQL, MySQL |
| IDEs | Vim, Emacs |

Education & Certification

AWS Certified Cloud Practitioner **06/2022 – 06/2025**

University of Portsmouth **09/2017 – 06/2020**

BSc Software Engineering (2:1, 3.45 GPA)

Collyer's VI Form College, Horsham **09/2015 – 06/2017**

A level: Physics (B), Computer Science (C), Environmental Studies (D)

Warden Park School, Haywards Heath **09/2010 – 07/2015**

9 GCSEs: Maths (A), Science (A), Additional Science (B), Computer Science (B), English Literature, English Language, Philosophy and Ethics, Product Design