

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 seamlessly 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

Programming languages

Python, Bash, Terraform, Ansible, Powershell

Testing

Python UnitTest, Moto, MagicMock, Cucumber, Gherkin

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

Created with L^AT_EX: <https://www.github.com/DylanRitchings/cv>