Dylan Ritchings

Email:
Phone:
Location:

Github: https://github.com/DylanRitchings/
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Experience

Software Developer   **03/2022 – current**
Met Office (QA Ltd Consulant)

I am currently engaged in the development and upkeep of aviation APIs, focusing on using:

- Python AWS CDK to create serverless infrastructure

- Python AWS Lambdas integrated with scientific libraries to handle weather data management

Infrastructure Developer   **10/2021 – 11/2022**
IBM (QA Ltd Consulant)

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, Postgres, 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)

Collyers 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

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