Dylan Ritchings

Email:
Phone:
Location:

GitHub: https://github.com/DylanRitchings/
LinkedIn: https://www.linkedin.com/in/dylan-ritchings/

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 LaTeX: https://www.github.com/DylanRitchings/cv