

# Dylan Ritchings

Email:

Phone:

Location:

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

LinkedIn: <https://www.linkedin.com/in/dylan-ritchings/>

## Experience

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### Software Developer

03/2022 – current

*Met Office (QA Ltd Consultant)*

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 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	<i>Python, Bash, Terraform, Ansible, Powershell</i>
Testing	<i>Python UnitTest, Moto, MagicMock, Cucumber, Gherkin</i>
Operating Systems	<i>Linux, MacOS, Windows</i>
Cloud platforms	<i>AWS (Python CDK, Boto3, CloudFormation, CLI), WSO2 API Manager</i>
Database technologies	<i>RDS, Postgres, MySQL</i>
IDEs	<i>Vim, Emacs</i>

## Education & Certification

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**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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