Harpreet Kaur (She/Her)

Junior Cloud / DevOps Engineer

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LOCATION: **LONDON** • AVAILABILITY: **IMMEDIATE** • CITIZENSHIP: **BRITISH**

Personal Statement

I was an administrator who re-trained as a developer in cloud services, which I am now passionate about. I have completed **two 12 week full-time hands-on courses**, cloud services with **AWS re/Start** and **full-stack** with _nology and an 8-week part-time **Python** course with CFG. I have working knowledge of AWS services, **Linux**, **Bash**, **Python**, **Java**, databases: SQL (**MySQL**) & **No-SQL**.

Work / Training Experience

Cloud, Data & API Engineer – Accenture via Nology (Remote) - *Apr 2022 to Present*

Accenture Data Studio

- Working with the **data transformation** team to build out **Bash / Python utility scripts**
- Developing and deploying scripts to **AWS Glue** and configuring machine learning models with **SageMaker**
- Supporting several **FTSE 500 clients** with their data transformation and automation requirements

HS2 Digital Twin

- Helping define the **data flow** and systems **mapping** of carbon data for the **HS2 project**
- **High-level and detailed requirements** gathering, consolidation into **PowerPoint** as **easy to read diagrams** & **presenting** to various levels of **stakeholders**
- Working as part of an **agile** team with other engineers including data and testing to **define technical standards** and approach

Full-Stack & Cloud Course – Nology (Remote) - *Jan 2022 to Mar 2022*

Full-time full-stack course, followed by a guaranteed work placement at Accenture:

- Cloud: **Google Cloud Platform**, Introduction to **Kubernetes** (K8s) & **Docker**
- Backend: **Java**, **Spring Boot**, **Python**, REST APIs
- Testing: JUnit, Jest, Cypress, Test Driven Development
- Databases: MySQL, NoSQL
- Methodologies: Agile, Kanban

AWS re/Start Cloud Practitioner – Westminster Adult Education Services (London) - *Oct 2021 to Jan 2022*

Full-time AWS services course, followed by the AWS re/Start Cloud Practitioner exam (passed):

- Linux: Linux, Networking and Bash scripting
- Security: SSH, Security Best Practices, Cyber Security (ethical hacking with Kali Linux)
- Services: APIs, SQL (MySQL) & No-SQL Databases, how to configure, monitor & support AWS services
- Storage / Databases: S3, RDS, DynamoDB, RedShift, Aurora
- Servers: EC2, Fleet, VPC, CloudFront, Elastic Beanstalk, Route 53, Elastic Load Balancer, API Gateway, Step Functions, Lambda
- Monitoring: CloudWatch, CloudTrail, Athena

- CI/CD & Automation: GitHub, GitLab, Jenkins, Ansible, CloudFormation

Secretary – Akal Software Ltd (London) *- Jan 2017 to Aug 2020*

- Basic accounts (profit & loss, cash flow forecasts)
- Payroll calculation
- Writing meeting minutes
- Organising director schedules
- Taking orders by phone or email

Education & Qualifications

- AWS re/Start Cloud Practitioner Certified
- CodeFirstGirls - Python Course
- English Speaking & Listening GESE Grade 5 (B1) (Distinction) *Trinity College*
- English (B+), Maths (B+), Physics (B) *Sekolah Menengah Kebangsaan KKB, Malaysia (Equivalent to GCSEs)*

Programming Languages & Tools

- Operating systems: Windows, **Linux** (Ubuntu, Kali Linux) & Mac
- Languages: Python, Java, JavaScript
- Scripting: Linux, Bash scripting
- Security: SSH, Kali Linux
- Storage / Databases: **S3**, RDS, **DynamoDB**, RedShift, Aurora, SQL (MySQL) & No-SQL Databases
- Cloud Services: How to configure, monitor & support **AWS** & **Google Cloud** services including **EC2**, Fleet, **VPC** (Networking), **CloudFront**, Elastic Beanstalk, **Route 53**, **Elastic Load Balancer**, **API Gateway**, **Step Functions**, **Lambda, SageMaker, Kubernetes (K8s), Docker**
- Monitoring: **CloudWatch**, CloudTrail, Athena
- CI/CD & Automation: **GitHub**, GitLab, Jenkins, Ansible, **CloudFormation**, **Terraform**
- Front End: HTML, JavaScript, SASS/CSS, React
- Testing: JUnit, pytest, Jest, React Testing Library
- Software: Microsoft Office 365, vim, Cloud9, VSCode, IntelliJ, PyCharm

Languages & Personal Interests

- Fluent speaking in English, Malay, Punjabi & Hindi
- Cooking & Gardening