**CURRICULUM VITAE**

Highly motivated web developer with 2 years of experience in DevOps, specializing in full stack development. Transitioning from an accounts administrator role, I discovered my passion for coding, leading me to successfully complete a comprehensive coding traineeship. As a full stack developer, I have demonstrated proficiency in various programming languages and completed two real-world projects to specification. Eager to leverage my technical skills and innovative mindset to contribute effectively in a dynamic and growth-oriented environment.

**PERSONAL DETAILS**

**NAME**: Zidane Alam

**RESIDES**: Birmingham

**TRANSPORT**: Full UK driving licence and vehicle

**RIGHT TO WORK**: Full Right to work *(British Citizen)*

**CONTACT DETAILS:** (M) 07720 887751

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(W) <https://www.zidanealam.co.uk/>

(GH) <https://github.com/Zidane912/> *(please email to request access)*

(LI) <https://www.linkedin.com/in/zidane-alam-7b43b71a2/>

**CODING TRAINEESHIP IT Career Switch Ltd**

Coding Traineeship – Full stack developer

1-year program

During the traineeship I had to demonstrate a very competent level of the following programming languages and technical skills

* HTML5, CSS3, JavaScript
* PHP, SQL, React, jQuery
* Python, Node.js, Bootstrap
* Command line Git, Github
* Remote API access

**ADDITIONAL TECHNOLOGIES**:

* Amazon Web Services (AWS), Terraform, HashiCorp Packer, HashiCorp Vault, Ansible, GitLab CI/CD, Flask, PySQL

**DEVELOPMENT EXPERIENCE**:

Below are the two briefs of development projects I completed with IT Career Switch which can be found in my bio: <https://www.zidanealam.co.uk/>

**Portfolio Project #1: “Gazetteer”**

The specification was to reply to a website specification for a map-based app to provide information on countries, with a focus on a “mobile-first” development. Preferably using a framework, to then develop HTML, CSS and JavaScript with JQuery modules that use PHP server-based components to source data from third-party APIs (Geonames, OpenWeather). The solution is assessed on its delivery to specification, functionality, and usability.

**Portfolio Project #2: “Company Directory”**

A more rigorous reply to this specification was required as a user requirements document was needed to be prepared which, when signed off, triggers the release of SQL allowing to develop a “mobile-first” application to maintain a company personnel database (MySQL). Sign off is only achieved upon the student supplying an independently witnessed document providing confirmation of the system’s ability to perform error-free.

**CAREER HISTORY:**

**May 2023 – Present Tilawah Academy**

**POSITION HELD: Administrator**

* Managed accounts and handled invoicing, ensuring accurate and timely financial transactions
* Developed and demonstrated strong organisational and public speaking skills during charity events
* Managed multiple projects simultaneously, prioritising tasks to meet tight deadlines and achieve the organisation’s goals

**Mar 2022 – May 2023 QA Ltd**

**POSITION HELD: DevOps Engineer**

* Implemented REST APIs using Python and Flask framework to facilitate integration with front-end applications, for effective communication across different layers of the application architecture
* Designed and managed databases using SQL commands, scripts and PySQL to facilitate the operation of diverse applications within the project
* Utilised Docker containerisation to enhance application reliability and maintain consistent uptime, ensuring uninterrupted service delivery
* Strategically rearranged the commands in the Dockerfile, optimising the caching mechanism
* Utilised Jenkins plugin for integration with various tools to automate unit tests, measure deployment times and uptime on production
* Projects:
  + CRUD Application: github.com/Zidane912/crudapplication
  + Microservices Application: github.com/Zidane912/microservicesapp

**Jun 2022 – Feb 2023 HMRC ECS**

**POSITION HELD: DevOps Engineer**

* Resolved developer-reported issues promptly during sprint cycles, ensuring the team's responsiveness and preventing any obstacles to their progress
* Implemented Terraform functions such as 'count' and ‘for\_each’ to efficiently scale and deploy identical infrastructure resources, streamlining the provisioning process and contributing to increased operational efficiency for the business
* Utilised Ansible Galaxy playbooks and roles for automating application deployments and configuration management, reducing deployment time
* Created custom machine images with Packer to ensure consistent application environments across development and production
* Contributed to the security infrastructure by actively participating in the process of secret key rotation for Vault, ensuring enhancement of data protection measures
* Implemented GitLab CI/CD pipelines for continuous integration and deployment, resulting in faster and more reliable machine image release

**Jun 2020 – Mar 2022 Hillside Tuition**

**POSITION HELD: Tutor**

* Communicated effectively with clients/parents, providing regular updates on students’ progress
* Planned targeted lessons to complement and enrich students' state education, providing prompt feedback to support academic goals
* Led and contributed to organisational meetings aimed at enhancing quality of service

**EDUCATION**:

**2017 – 2020** **University of Birmingham**

BEng (Hons) Civil Engineering (*Grade: 2:2*)

**2015 – 2017 King Edwards Sheldon Heath Academy**

Two A-Levels (*Grade: A*)

BTEC Level 3 Additional Science (*Grade: Distinction\**)

**2010 – 2015 Bishop Vesey’s Grammar School**

10 GCSEs (*Grade: A – C*)