**Shayna Slough**

**FDM Consultant**

**Profile**

Shayna has obtained a four year MSci degree in Physics from Generic Univeristy. One great strength which he has developed over those years is his excellent analytical thinking skills, which has been honed particularly during his masters research project on quantum phenomena. During his studies he was exposed to the programming language Fortran, where he utilised this to solve mathematical problems as well as physical ones, such as modelling the oscillations of the Tacoma bridge. Shayna was extremely fascinated by the usefulness of programming and hugely appreciated its effectiveness in solving problems which were otherwise not solvable analytically.

This interest led to the beginning of Shayna’ career in IT at the UK’s largest hospitality company Whitbread Plc, where he exploited his knowledge of Java to develop an application capable of producing KPI reports by consuming Atlassian’s API’s. He was then assigned to the Premier Inn & Restaurants team, where his task was to work on the technical backlog and improve the performance of it’s microservices. This task has further consolidated Shayna’ development skills and provided him with excellent exposure to debugging. As a highly ambitious individual, Shayna would now like to expand his horizon in development and engage in more challenging tasks which contribute to the wider goals of the business.

**FDM Employment History**

**Whitbread Plc, London February 2019 – April 2020**

*Graduate Microservices Developer*

Shayna worked on a KPI report project for six months and was then delegated the responsibility of ensuring the smooth running of microservices by working on the technical backlog in the Premier Inn and Restaurants team.

Responsibilities:

* Developing a plugin in JIRA for producing a KPI report
* Supporting the PI&R team by fixing bugs present in production
* Collaborating with QA and front-end teams to understand the business requirements and test bug fixes
* Providing clarity for multiple teams by collating and publishing documentation on all the environments used for back-end development

**Technologies Used:** Java, Spring Boot, Spring Cloud Contract, Jenkins, Swagger, Postman, Git, Docker, JIRA, Confluence

**FDM Training**

**FDM Academy, London**  **October 2019 – January 2020**

Shayna has completed the Java Development programme. This programme included the following modules:

Java

1. **Professional Skills** including development lifecycle, presentations & report-writing;
2. **Structured Query Language** including database manipulation;
3. **Excel including VBA,** Solver, Aggregate Functions, Nested If statements, V-Lookups;
4. **Unix** including Vi Editor, Shell Scripting;
5. **Web Apps Design** including HTML 5, CSS3, JavaScript, XML & XSL;
6. Object Oriented Development including Core Syntax, OOP and SOLID principles;
7. **Object Oriented Development** including Core Syntax, Design Patterns;
8. **Object Oriented Development** including Jenkins, Maven, GIT, TDD, Mockito, Logging;
9. **Data Access in Java** including JDBC, JPA;
10. **Web Programming** including JSP, MVC, SOA;
11. **Spring Framework** including spring-core, spring-beans, spring-webmvc;
12. **Software Development Project** over the course of two weeks;
13. **Sign Off Week** includes a final Exam and Technical interview

**Previous Employment History**

**The Maths Society, London September 2019 – April 2020**

*Physics, Mathematics and Further Mathematics Tutor*

Shayna taught the above subjects at A-Level four hours weekly on Saturdays.

Roles and Responsibilities:

* Teaching the A-level syllabi across various exam boards in accordance with college curriculum
* Providing training in tackling difficult problems
* Marking exam scripts and communicating feedback to parents

**Brightway Education, London September 2017 – July 2019**

*Physics and Mathematics Tutor*

Shayna taught physics and maths at GCSE and A-Level 13 hours weekly.

Roles and Responsibilities:

* Teaching the A-level and GCSE syllabi across multiple exam boards
* preparing students for admissions tests such as the Oxford PAT Test
* Providing training in solving difficult problems

**Al-Hikmah School, London January 2012 – March 2016**

*Arabic Teacher*

Shayna taught Arabic to students of mixed abilities and ranging from 5-18 years of age, four hours weekly on Saturdays.

Roles and Responsibilities:

* Overseeing students’ work and providing constructive feedback to support their development
* Writing and marking exam scripts for multiple levels each term
* Contributing to the school curriculum

**Education**

**Generic University September 2013 – July 2017**

**MSci (Hons.) Physics, 2:1**

Modules included:

Mathematical Methods in Physics

Laboratory Physics

**Generic Sixth Form September 2011 – July 2013**

**A-Levels: ABBB**

**Further Qualifications:** AWS Technical Essentials Day

**Other Skills:** Fortran, LaTeX, Languages: Persian, Arabic

**Interests and Activities**

Shayna enjoys exercising in the gym to keep his mind and body fresh to enable him to perform at his optimum at work. He is also keen to contribute to society in charitable ways such as volunteering to teach during periods where teacher resources are low at his previous Saturday school, as well as supervising children in his neighbourhood whose parents need to attend Church. Additionally, as a person who thoroughly enjoys the problem-solving aspect of his work, he looks to continually build on this by solving coding problems in his spare time.