**Ava Spell**

**FDM Consultant**

**Profile**

Ava is a certified UiPath RPA developer with strong technical and communication skills. He has gained valuable experience by working on numerous successful automations and has been actively involved in all aspects of the RPA project lifecycle. As a Junior Developer, Ava works collaboratively in teams to design, build and test RPA solutions ensuring adherence to best practices and documentation standards. Ava is continuously looking to learn new software and tools which can enhance his development experience.

**FDM Employment History**

**Travelport, Langley January 2019 – April 2020**

*RPA Developer*

Ava was a part of the Intelligent Automation team which worked to improve processes and reduce waste in the Finance Department using Lean techniques and Intelligent Automation tools.

Responsibilities: Developing RPA (UiPath) robots, scoping in and validating business requirements, solution design and second line support of live automations.

* Gained in-depth understanding of business processes through developing automations for different business functions across Finance. Solutions developed include:
  + Report generation bots such as Discoverer and FA Calc which saved the business 64.7 hours and 22.5 hours per month for the respective business teams.
  + Oracle Requests dispatcher bot which implemented SQL queries to dispatch Queue Items and reduced dispatch time by 50%.
  + Password Update Bot which assisted in updating and tracking credentials for VDI’s and applications.
  + Login Bot which allowed for Operations Team to login to applications and view source of exceptions.
* Worked with business teams in US and APAC regions to gather requirements and scale report generation bots globally. This resulted in successful global rollout of the Discoverer automation in AUG 2019.
* Solved complex problems and created solution designs for the Netting process automation. This included working with business teams and his CIIA colleagues to understand the process, testing potential solutions and presenting options to IA Solutions Lead and business SMEs.
* Improved existing automations based on requests from Operations Team and business teams regarding errors found in live runs.
* Took part and hosted Knowledge sharing sessions of topics surrounding RPA and continuous improvement such as Process Excellence vs Operational Excellence.

**Technologies Used:** Power Automate, Trello, UiPath (RPA Advanced Developer certified in March 2019), SQL queries

**FDM Training**

**FDM Academy, London**  **September 2018 – December** **2018**

Ava 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**

**Global Brigades, Honduras September 2017**

*Engineering Consultant*

Ava was part of an engineering team that designed sustainable water system for an underdeveloped community with limited access to clean water.

Roles and Responsibilities: Designing water system, determining appropriate technologies to use, educating the community on water health-related issues and presenting designs to community.

* Improved group design through planning piping routes and designing infrastructure.
* Gained an insight into project management and encouraged a flexible, agile approach via determining technologies to use within time and budget constraints.
* Enhanced verbal and written communication skills from presenting final designs to the community

**Moorfields Eye Clinic, London July 2014 – September 2017**

*Engineering Consultant*

Ava was part of the admin team in the eye clinic assisting in preparing clinics and dealing with patient requests.

Roles and Responsibilities: Preparing patient files for clinics, running clinics by sitting on reception desk and attending patient calls.

* Learned to work within tight schedules and improved organizational skills by preparing numerous patient files for various clinics.
* Gained customer service skills through answering patient calls to deal with their requests.
* Time management and negotiation skills were obtained through running clinics by himself.

**Nuffield Placement, University of Surrey July 2013 – August 2013**

*Biorobotics research*

Ava was part of a research team which designed and simulated the step patterns of a 6-legged prototype Mars rover.

Roles and Responsibilities: In depth analysis of the walking behavior of the robot, programming the simulation of the robot, writing and presenting conclusions.

* Refined analytical and problem-solving skills using complex mathematics to analyze the walking behavior.
* Showed flexibility and quick learning through picking up MATLAB on the job to program the coordinates of the step patterns.
* Improved communication and report writing skills from presenting to a group of academic staff and writing conclusions in a scientific report.

**Education**

**Generic University October 2017 – September 2018**

**MSc Sustainable Energy Technologies, 2:1**

Modules included:

Renewable Energy

Masters Project (Research)

Finite Element Methods

**Generic University September 2014 – July 2017**

**BSc (Hons.) Physics, 2:2**

Modules included:

Physics Skills

Communicating Science

BSc Project (Research)

**Generic Sixth Form September 2007 – July 2014**

Mathematics (A)

Further Mathematics (A)

Physics (A)

Chemistry (B)

**Further Qualifications:** UiPath Advanced RPA Developer Certification

Continuous Improvement Basics Training (Lean 6 Sigma Yellow Belt covered)

**Other Skills:** Java, SQL queries

Fluent in Tamil

**Interests and Activities**

* Represented his university in dance competitions and charity events
* Contributed to choreography for one performance
* Participated to his university society football team and participated in various competitions
* Achieved Grade 4 in Piano and Grade 7 in Mirdangam