Qualifications

BSc(Hons) Computing, Leeds Beckett University, 2018

Profile

During the sixth-form period I realised I had a big interest in how graphical user interface software operates. As sixth-form did not give m5e the in-depth knowledge I desired I then went onto study computing at university.

University taught me the key fundamentals concerning computer programming. During this time, I realised I had a passion for problem solving and learning different programming languages. After finishing my university course, I came across the QA consulting opportunity and after more research into the organisation I realised that joining QA would build on my existing knowledge.

Technical Skills

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| **Technology Domain** | **Technologies and Tools** |
| Programming Languages | Java, Maven, JUnit, HTML, CSS, JavaScript, Node, ReactJS, Spring Boot |
| IDE’s | IntelliJ, Eclipse |
| Operating Systems | Windows, Linux (Ubuntu) |
| DevOps Technologies | Jenkins, Git, Tomcat, AWS (EC2, VPC, EKS, ECR), Terraform, Kubernetes, Docker |
| Database Technologies | MySQL, Oracle SQL, MongoDB, H2 |
| Project Frameworks | Agile Scrum, Waterfall |
| Other | Postman, WebDriver |

Experience

**GitHub Link:** <https://github.com/Roystonpp>

API Management Development team(Developer at NHS Digital October – March)

The whole team including myself worked on configuring and implementing an API management platform called WSO2. Deploying this software onto the aws infrastructure gave me an opportunity to work use technologies such as Docker for the image creation as well as Kubernetes for container orchestration and Terraform for automated script deployment. I also got the chance divulge myself into security, authentication and certificate creation.

One of my main responsibilities included running terraform scripts that create EC2 instances, EKS clusters, EFS and VPC’s alongside deploying Nginx using Kubernetes to eventually obtain an environment for the WSO2 platform.

Learning Management System(IT Consultant at QA Consulting July – September)

I was part of a group project which involved building a Learning Management system using micro-service architecture. My role was to assist in building the backend which involved the use of java in the form of Spring Boot. In addition to working on the backend I assisted on the frontend using React JS.

Individual Project (IT Consultant QA Consulting July – September)

I created a full stack website based on health and fitness. Using the knowledge gained throughout training I was able to create a BMI calculation function with JavaScript, implementing a google maps API and a fully functional registration form linking to the backend.

The project backend involved Java linking to MySQL for database storage of all other information. The connection from MySQL was an essential part as I had used multiple GET and POST requests to display and store data.

Additional Information

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| * Presentation skills | * Full/Clean driving license | * Health and Safety at work training |

Hobbies/Interests

I have a strong interest in martial arts and have previously learnt Taekwondo, Kickboxing, Muay Thai, Boxing and Football. I particularly like the discipline involved in marital arts and how’s it helped my self-motivation and determination.

Enhancing my own learning has always been a big priority of mine, which is why I try to learn new technologies in my own time such as Docker, Kubernetes and Terraform.