

Seynab Abdirahman

Junior Developer

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Professional Experience

Trainee Developer, ECX.io an IBM Company 08/2022 – 10/2023 | Bracknell

- Developed a Java-based Slack App integrating IBM Workfront into IBM Slack using the Slack Bolt framework within a Spring Boot application. Ensured seamless functionality with webhook API inclusion, significantly saving time for a team of 50+ by eliminating the need for separate logins to Workfront.
- Played an active role in iteratively refining the Slack App's user interface. Implemented continuous feedback loops and conducted usability testing sessions to stress-test journeys and enhance user experience.
- Set up and utilised Docker containers, completed training on Kubernetes and implemented an automated IBM platform for efficient deployment, including Jenkins pipelines. Streamlined development and deployment processes with proficiency in Docker and Jenkins.
- Implemented testing practices, incorporating JUnits in code. Ensured the reliability and robustness of solutions through comprehensive testing methodologies.
- Proactively undertook the AWS certification Cloud Practitioner course, showcasing a commitment to continuous learning and staying updated on cloud technologies.
- Collaborated across teams to align technical solutions with business goals. Led the creation of proof of concepts, detailed design documents and company wide tech demos, demonstrating strong communication skills and being a valuable team player.
- Conducted code reviews, offering constructive feedback and recommendations to maintain a high standard of code quality across the team.

Software Engineering Student, Code First Girls 02/2022 – 05/2022 | London

- Actively participated in developing Escapade, a Python-based mobile app prototype for London tourists.
- Integrated APIs for streamlined user location input and relevant information retrieval.
- Established a user database for reviews and ratings, showcasing proficiency in SQL databases.
- Demonstrated effective teamwork, Python programming, API and database integration.

Certificates

AWS Certified Cloud Practitioner, Amazon Web Services 06/2023

Java Programming, Udemy 11/2022

Adobe Experience Manager: Sales Accredited, Adobe 08/2022

CFGdegree Software Engineering (Python & SQL), Code First Girls 06/2022

Responsive Web Design, freeCodeCamp 12/2021

Introduction to Python, Code First Girls 09/2020

Technology Internship (Agile Methodologies), Bright Network 07/2020

Web Development (HTML, CSS & JavaScript), Code First Girls 04/2020

Education

MSc Computing, Cardiff University 09/2023 | Cardiff

Modules inc. Computational Thinking, Software Engineering & Human Centric Computing

BSc (Honours) Radiotherapy and Oncology, City University of London 01/2022 | London

First Class Honours

A-Levels, Kensington Aldridge Academy 06/2018 | London

Biology (A), History (B) and Chemistry (C)

Interests and Hobbies

IBM EP Emb(race) Attractions Lead

I was the IBM EP Emb(race) Attractions Lead, playing a crucial role in promoting DEI initiatives. Through my role, I helped initiate a mentorship program tailored for young professionals, fostering growth and guidance within the community. I also dedicated my time to supporting a student hackathon, contributing to the growth of budding talents.

Computing Msc

I am a dedicated junior developer who has temporarily shifted focus to pursue a Master's degree in Computing. With modules such as Human Centric Computing, I hope to learn more about the user experience. Integrating these insights into my development practice, I aspire to create applications that prioritise superior user experiences.