Ovie Eharisi-Ayomah
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PROFESSIONAL EXPERIENCE

Software Test Engineer   May 2023 - September 2024
Department for Work and Pensions digital (DWP digital), Manchester, UK
- Automated end-to-end test suites using **Java**, **Selenium,** and **TestNG;** implemented **BDD** with **Cucumber**.
- Designed and implemented test frameworks with **Page Object Model (POM)** to enhance code reuse and scalability.
- Introduced data-driven testing with JSON, Web Driver Manager, and Extent Reports.
- Created test documentation and used **JIRA** for bug tracking and test management.
- Executed manual and automated tests for web applications
- Managed **Confluence** pages for documenting development and testing activities.
- Integrated security testing with OWASP ZAP into the **CI/CD** GitLab pipeline.
- Integrated **API testing** with **Postman** and **RESTAssured**, ensuring robust CI/CD pipeline integration.
- Conducted **cross-browser testing** using **BrowserStack** and executed accessibility tests for WCAG compliance.
- Collaborated in **Agile** teams, contributing to sprint planning, retrospectives, and test documentation.
- Utilised **Docker** to containerize testing environments and integrated performance tests using **JMeter** with monitoring on **Grafana**.

Claims Handler   *March 2023 – May 2023*
Sensible Group (Barings Law)
- Developed Python scripts to streamline claim processes, automating data extraction and validation.
- Conducted legal research and drafted documents, applying attention to detail and analytical skills.
- Communicated effectively with clients and third parties to resolve issues and provide updates.

EDUCATION

Zero to Mastery Web Development Course   *August 2024 – October 2024*
- Gained hands-on experience in **HTML**, **CSS**, **JavaScript**, **React**, **Node.js**, and **API** development.
- Built responsive web applications and integrated **RESTful APIs** into full-stack projects.

Makers Academy Software Engineer Bootcamp   *September 2023 – January 2024*
- Completed an intensive 16-week boot camp focused on modern software and quality engineering practices.
- Built fully functioning CRUD web applications from scratch as part of a team and gained experience in all parts of the SDLC.
- Focused on software engineering principles, **Git**, **TDD**, and continuous integration.
- Specialised in **Pytest** for test-driven development (TDD) and used **Selenium** for browser automation testing.

100 Days of Code - The Complete Python Pro Bootcamp   July 2021 - September 2021
- Self-led participation in a comprehensive Python course by Angela Yu, covering topics such as OOP, automation, game development, and web development.

BSc Biological Science | University of Leicester |2:1   *September 2019 – July 2022*
- Applied **R** programming to model biological concepts and analyse large data groups.
- Self-taught **Python**, **Swift,** **HTML**, and **CSS** alongside degree studies, applying skills to coursework and projects.
- **Key projects:**
  - Modelling a new tuberculosis treatment by implementing a cofactor-independent InhA inhibitor of mycobacterium tuberculosis in the C3Heb/FeJ mouse model to reduce treatment length.
  - Final year project: Analysed, filtered, and modelled biological data of over 500000 UK citizens from the UK biobank using R for a meta-analysis of whether parental age at death and telomere length are predictors of your own survival.

SKILLSET

- **Languages:** Java, Python, JavaScript, R, Swift
- **Development:** HTML, CSS, React, Node.js, Express.js, Spring Boot, Django, Flask
- **Databases:** MySQL, PostgreSQL
- **APIs:** RESTful APIs design and development
- **Testing Tools:** Selenium, Pytest, Postman, RESTAssured, Jest, Playwright, JMeter
- **DevOps:** Docker, Git, GitHub Actions, Jenkins, CI/CD, JIRA
- **Methodologies:** Agile, Scrum, TDD, BDD
- **Soft Skills:** Problem-solving, Attention to detail, Adaptability, Cross-functional communication

PROJECTS

MakersBnB – Full Stack Web Application
Tech stack: HTML, CSS, JavaScript, Node.js, React, PostgreSQL
- Developed an **Airbnb clone** with a focus on both front-end and back-end functionality.
- Followed **TDD** principles using **Pytest** and implemented **PostgreSQL** for data management.
- Implemented JWT-based authentication and authorization to ensure secure user sessions.
- Optimised server performance to handle concurrent users effectively.

RoamMates – Social Media Web App
Tech stack: HTML, CSS, JavaScript, Node.js, React, MongoDB
- Designed, developed, and tested a fully functional web app.
- Emphasised a testable structure and user-friendly design.
- Led the test team and created test cases, executed test plans, and tracked/reported bugs using Trello.
- Wrote end-to-end automated test scripts and integrated them into a CI/CD GitHub pipeline.
- Attended and led daily dev-test standups

Portfolio Website
Tech stack: HTML, CSS, JavaScript, React
- Created a personal portfolio website to showcase projects, utilizing **React** and **CSS animations** for enhanced UX.