

John Kola-Fabiyi

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Core Skills

Programming Languages: Python, JavaScript, Java, SQL, HTML/CSS5

Technologies/Frameworks: ReactJS, AWS, Docker, Git (version control), JUnit, REST API, Tensorflow

Developer Tools: Visual-Studio Code, IntelliJ, Android Studio, MySQL, GitHub, Git, Postman API.

Non-technical: Problem-solving, Teamwork, Communication, Collaboration, Attention to detail, Agile.

Projects

- **Dry Beans Dataset Classification Problem:** Implemented TensorFlow models for data classification.
- **MSc Dissertation Project (E-commerce Store) - Novel Nook:** Developed a python e-commerce platform with Django. Docker for testing and project deployment. Isort to import libraries seamlessly.
- **Payment Integration Application:** Developed a robust payment integration application using Django transactions, allowing seamless processing of over 1,000 daily transactions with zero downtime and enhancing overall transaction security for the e-commerce platform.
- **3D Pentomino Problem:** Developed using Angular framework. ThreeJs for the animations and front end. Utilised Typescript and Javascript for the backend. Git for version control.
- **Olive Catering:** Developed using reactjs framework, HTML/CSS5 & bootstrap5 for frontend, Javascript for the backend and Nodejs to develop/maintain the API.
- **Movieland:** Established a clean and efficient codebase for Movieland, allowing for easier future enhancements and updates; the project was completed in 4 weeks, well ahead of the initial 8-week timeline.

Technical Experience

Bloc | Victoria Island, Lagos

2017 - 2018

- Worked with a team of developers to design a system for customers to receive notifications for bill payments.
- Completed a Java boot camp course, to improve proficiency in the language.
- Worked closely with and shadowed the senior programmer to assist in maintaining the day-to-day activities and operations of the engineering team.

Uptitek Ltd | 4 Bishops Square, AL10 9NE, Hatfield

2018 - 2020

- Conducted comprehensive JUnit tests, ensuring robust code quality for Java-based projects while ensuring best software engineering practices.
- Contributed to the codebase using web development frameworks like Django & JavaScript.
- Led cross-functional collaboration for a proposal resulting in a 60% customer base expansion.

Media Labs AI | London, United Kingdom

2020 - 2022

- Worked in a team of developers using Agile Methodology. I helped add features to the Responsive website for the organisation using HTML5, CSS5, JavaScript, and SQLServer.
- Implemented nodejs/express for API design.
- Assisted in designing backend API using entity framework as ORM, and used Mysql for database.
- Participated in the scrum team, following the daily sprints for adding website features.

Education

University of Sussex

September 2022 – January 2024

M.Sc. in Computer Science

2:1

Relevant Coursework:

- MSc Dissertation Project (E-commerce Store) – Novel Nook - Python, HTML/CSS/Bootstrap5, Django, Django debugger, Docker, Jupyter Notebook, Isort, Backend, Databases
<https://github.com/jon4444/ecommerce.git>
- Dry Beans Dataset Classification Problem - Machine Learning, TensorFlow, Jupyter Notebook, Google Cloud, Image classification, Model Prediction, Data Preparation & Automatic Detection.
https://github.com/jon4444/dry_beans_dataset_problem.git
- Payment Integration Application - Python, Django, Django transactions, AWS, HTTP.

<https://github.com/jon4444/webapps2023.git>

- 3D Pentomino Problem - TypeScript, Project Management, Angular, Backend, Figma
<https://github.com/jon4444/ASE.git>

University of Brighton

B.Sc. in Computer Science

September 2019 - July 2022

2:1

Relevant Coursework:

- Sport Brighton Retail Website – HTML/CSS/Bootstrap5, JavaScript, PHP, Docker, Databases, MySQL
https://github.com/jon4444/CI601-Sports_Brighton

Royal Holloway University of London

Computer Science

September 2016 – June 2017

Pass

Certificates

- **Machine Learning Engineer Professional Certificate, Google**