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 seamlessly import libraries.
* **Payment Integration Application:** Designed a Python-based payment integration system using Django transactions.
* **3D Pentomino Problem:** Developed using Angular framework. ThreeJs for the animations and front end. Utilized 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:** Movie recommendation website, similar to IMDB. Developed using reactjs framework, HTML/css5 bootstrap5 for the frontend, Javascript for the backend, nodejs/express for API, eslint for debugging

**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, JavScript, 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** *September 2019 - July 2022*

*B.Sc. in Computer Science 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** September 2016 – June 2017

*Computer Science Pass*

**Certificates**

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