

ABASS DURODOLA

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Professional Summary

Highly motivated, versatile & result-driven Software Developer with 5+ years' experience in delivering scalable applications while driving efficiency improvements in banking, digital, and fintech industries. Proven track record of delivering impactful solutions through innovative thinking, technical expertise, and data-driven approaches.

Technical Skills

- **Experienced in programming** using Python, JavaScript, PHP, NodeJS, Java.
- **Data Analysis & ML:** proficient using python libraries; Pandas, NumPy, Scikit-learn, Matplotlib for EDA
- **Frameworks:** Effective use of Software Development Frameworks such as SpringBoot, SlimPHP, React, and Laravel using the Model-View-Controller (MVC) Approach.
- **Databases:** Hands-on experience with MySQL, SQL Server, MongoDB, and PostgreSQL.
- **Testing:** Experience working with testing frameworks like Selenium, Postman, Pytest, JMeter
- Experienced with CI/CD, Jenkins, and Docker.
- Working knowledge of Power Bi and Python-based visualization tools for creating insights-driven dashboards

Work experience

Software Developer - Contract DOH CONSULTING INC.

📅 10/2025 - PRESENT 📍 ONTARIO, CANADA

- Implemented the backend API layer for groceries store mobile app using Springboot & MySQL, enabling secure and reliable communication between the mobile frontend and backend services.
- Developed RESTful APIs for user management, authentication (JWT-based), and session tracking.
- Designed database models using SQL Alchemy ORM and optimized custom SQL queries to support web app analytics dashboards and admin-facing APIs
- Collaboration with agile scrum team, contributing to sprint planning, code reviews, and continuous test improvement.

Software Analyst (Innovation) VIRGIN MONEY

📅 06/2024 - 10/2025 📍 NEWCASTLE, UNITED KINGDOM

- Developed Python-based data pipelines and automation scripts to streamline credit decisioning processes and enhance operational efficiency across personal loans and current account portfolios.
- Engineered an internal automation tool using Python and Selenium for mortgage affordability checks, reducing manual validation effort by over 70% and improving process accuracy.
- Designed and implemented an expenditure categorization framework for transactional data, applying data transformation and cleansing techniques to improve data quality for modeling and reporting.
- Built and optimized data models and features using Python (Pandas, NumPy) and SQL for affordability modeling and customer segmentation analysis, supporting predictive risk insights.
- Implemented reusable Python utilities for API data ingestion, quality checks, and audit logging, improving transparency and consistency across analytical workflows.

Software Developer - Remote

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📅 08/2023 - 04/2024 📍 LAGOS, NIGERIA

- Involved in implementation of scalable microservices, utilizing Java (Spring Boot) for core logic and NodeJS with NestJS for API gateways, significantly enhancing system modularity.
- Managed containerized applications using Docker, deploying them on AWS EC2 and employing ELB for traffic distribution, ensuring efficient scaling and resilience.
- Implemented robust CI/CD pipelines, ensuring automated testing (Jasmine for Node.js, unit/integration tests with JUnit for Java) and secure Docker image management via AWS ECR.
- Optimizes SQL and NoSQL queries across PostgreSQL and MongoDB, achieving over 25% improvement in throughput through indexing and profiling

Software Developer

SOFTALLIANCE

📅 03/2020 - 08/2021 📍 LAGOS, NIGERIA

- Designed and implemented a modular reporting microservice for ANPR system, reducing reporting inconsistencies by 30% and improving maintainability.
- Conducted rigorous code reviews across different repositories (Java, PHP, JS), improving team's code quality
- Backend Development: Integrated 3rd-party APIs/libraries (JavaScript/Laravel) for biometric solutions.
- Improved core functionalities across enterprise billing systems and payment platforms like SoftPay, enhancing transaction reliability and user experience.

Software Developer

ETN.CONNECT

📅 10/2017 - 02/2020 📍 LAGOS, NIGERIA

- Contributed to the development of a corporate finance management platform used for budget tracking, reporting and multi-level approval workflows – increasing operational efficiency.
- Leveraged IaC tools such as Terraform and Docker to automate environment provisioning and deployment.
- Conducted extensive performance and stress testing using JMeter & Postman ensuring systems remained reliable.
- Collaborated on cloud deployment strategies using AWS platform, contributing to infrastructure scalability and cost optimization.

Education

COMPUTER SCIENCE | MSc.

Teesside University

📍 MIDDLESBROUGH, UNITED KINGDOM.

COMPUTER ENGINEERING | BSc.

Obafemi Awolowo University

📍 OSUN STATE, NIGERIA.