

Olamide Peter AJAYI

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L: Olamide Ajayi || GitHub: [Olamide's GitHub](https://github.com/Olamide's GitHub)

CORE SKILLS

- **Programming Languages:** Python, JavaScript, Scala, R, SQL
- **Frameworks & Libraries:** Django, Flask, FastAPI, Pandas, Selenium, NumPy
- **Cloud & DevOps Tools:** AWS, Azure, Docker, Jenkins, Git, Apache Airflow, Hadoop
- **Data Analysis Tools:** Tableau, PostgreSQL, Apache Spark

EDUCATION

University of Lagos | Master's in ICT (Bioinformatics)

2024 – Present

University of Ilorin | Bachelors' Degree

2022

WORK EXPERIENCE

Software AI Engineer | Alveum

December 2024 – Present

- Developed predictive models for stock trend analysis, leveraging generative AI and advanced machine learning techniques.
- Implemented AI solutions to enhance data analysis efficiency, improving decision-making timelines by 25%.
- Led the integration of scalable AI workflows, ensuring project delivery within 90% of predefined timelines.
- Collaborated with cross-functional teams to implement scalable AI solutions

Engineering Practices Lead / DevOps Engineer | Ethnos IT Solutions Ltd

September 2022 – Present

- Designed [Aquila](#), a mobile security software for banks, enhancing app security by 30%.
- Developed **Castellum**, a software currently used by the **Central bank of Nigeria**.
- Automated deployment processes with Jenkins and Docker, reducing errors and delays by 40%.
- Improved team efficiency by introducing code quality reviews and pair programming practices.
- Monitored 2+ cloud infrastructure performance, ensuring 99% uptime across systems.
- Collaborated and Led a team of 8 software engineers and system architects to ensure best experience while developing software

Platform Engineer | Cliqki

August 2024 – November 2024 (Contract)

- Reduced AWS costs by 70% through optimization of cloud infrastructure.
- Refactored codebase, reducing endpoint response times by 60%.
- Rebuilt deployment architecture using GitHub Actions, cutting deployment time by 50%.
- Implemented load balancing to support scalability and ensure high availability.

Backend Engineer & Customer Support Engineer | IdentityPass

August 2023 – December 2023

- Rebuilt the entire system architecture including changing the database from NoSQL to SQL, improving stability by 90%.
- Reduced API response times by 70%, from 35 seconds to 5 seconds enhancing user experience significantly.
- Automated customer analytics reports, increasing reporting efficiency by 25%.
- Engaged directly with customers to resolve implementation issues, achieving a 95% satisfaction rate.

Backend Engineer | Prembly

August 2023 – December 2023

- Created automation script that spool users account details and transaction history generating over 10 million for the company in 30 days

- Developed RESTful APIs to support cross-platform data integrations.
- Optimized backend processes, reducing execution times by 40%.
- Automated testing pipelines, increasing deployment accuracy by 20%.
- Improved documentation, ensuring seamless API usage by frontend teams.

Backend Developer | Eatup.ng (Contract)

November 2022.

- Engineered backend services, supporting over 300 daily users with 99% system uptime.
- Partnered with stakeholders to optimize software architecture and scalability.
- Delivered the project through SDLC, adhering to strict deadlines.
- Enhanced backend workflows, reducing response times by 15%

Data Analyst Intern | IITA

November 2020 – April 2021

- Analyzed and prepared data for research supervisors, improving decision-making accuracy by 10%.
- Created data clusters to identify plants requiring specialized treatment, streamlining research by 15%.
- Built predictive data models to forecast treatment outcomes, increasing efficiency by 9%.
- Automated reporting workflows using Python, reducing manual tasks by 25%.

Backend Developer (Team Lead) | HNGi7

April 2020 – August 2020.

- Spearheaded backend team operations, delivering microservices with 95% success rates.
- Built RESTful APIs using Django, improving system scalability by 25%.
- Deployed microservices to Nginx and Heroku, reducing downtime by 20%.
- Managed team collaboration and task distribution, ensuring on-time project delivery.

Software Engineer | Turing

February 2020 – May 2020

- Enhanced system security protocols, increasing data protection by 20%.
- Developed scalable web-based solutions, reducing maintenance costs by 10%.
- Configured backend services, optimizing software performance by 15%.
- Reviewed and debugged Python scripts, ensuring code reliability and efficiency.

CERTIFICATIONS

- [Data Scientist Associate](#) | DataCamp
- [Data Engineering](#) | DataCamp
- [SQL Developer](#) | DataCamp
- [Data Analysis with Python](#) | Udacity