

ODUNTAN BALOGUN

oduntan@live.com | <https://github.com/odbalogun> | <https://linkedin.com/in/oduntan-balogun/>

PROFESSIONAL SUMMARY

Senior Full Stack Developer with 9 years of experience delivering scalable web applications, APIs, and data-driven systems. Skilled in Python (Flask, Django) and React.js, with expertise in designing secure, high-performance solutions.

I bring domain experience across fintech, telecommunications, e-commerce, and startups, with a proven ability to lead projects, mentor teams, and build reliable systems. Committed to clean code, automation, and solving complex problems with simple, effective solutions.

TECHNICAL SKILLS

Category	Experience
Programming Languages	Python, JavaScript (ES6+), PHP, Golang, Dart, SQL, PL/SQL, HTML/CSS, Shell Scripting
Frameworks & Libraries	Flask, Django, FastAPI, React.js, Next.js, Vue.js, Knockout.js, Flutter, Yii2, CodeIgniter
DevOps & Infrastructure	Docker, Kubernetes, Terraform, GitHub Actions, GitLab CI, Jenkins, Ansible
Databases & Storage	PostgreSQL, MySQL, Microsoft SQL Server, MongoDB, Oracle 12c, Exadata, Redis, Elasticsearch
Cloud Platforms	AWS, Google Cloud Platform (GCP), Microsoft Azure, Vercel, Serverless Framework, VPS
Testing & QA	Pytest, Unittest, Postman, Selenium

EDUCATION & CERTIFICATIONS

Microsoft/ Azure Fundamentals

August 2020

Crawford University/ B.Sc. Information & Communication Technology

October 2007 – June 2011

NIIT/ Mastermind Series

August 2006 – September 2007

CAREER HISTORY

ANDELA, Lagos Nigeria – August 2019 – Present

Software Engineer/ Senior Software Engineer

MATCHER WORKBENCH (INTERNAL PROJECT):

As a Senior Developer, led the redesign of the internal Matcher Workbench application to improve performance, maintainability, and developer experience.

- Architected and implemented a Backend-for-Frontend (BFF) service using Node.js, replacing a legacy Django backend to reduce complexity and increase responsiveness.
- Built a modern, user-friendly interface with React.js, improving performance and delivering a significantly enhanced user experience.
- Integrated Sentry for real-time monitoring, alerting, and observability, enabling faster identification and resolution of production issues.

- Collaborated cross-functionally to define infrastructure requirements and supported deployment on Google Cloud, ensuring high availability and scalability.
- Contributed to CI/CD pipeline enhancements and environment management for smooth release processes.

BRIDGE TALENT PLATFORM (INTERNAL PROJECT):

As a Senior Full Stack and Infrastructure Developer, led end-to-end development and deployment of a scalable internal talent matching platform.

- Designed and deployed an MVP using Flask and React.js, evolving it into a full-scale, production-grade application with robust architecture and improved UX.
- Integrated Google BigQuery to enable seamless access to historical client data, significantly improving reporting capabilities and business insights.
- Optimized database access patterns and backend logic, resulting in faster response times and improved system scalability under load.
- Implemented secure authentication and authorization systems to safeguard access to sensitive user and operational data.
- Built and deployed real-time job matching features and notifications, increasing user engagement and platform efficiency.
- Led infrastructure efforts including CI/CD pipeline automation, cloud deployment on GCP, and application monitoring for reliable, low-maintenance operations.

SARCOS ROBOTICS, Utah USA:

As a Senior Full Stack & Infrastructure Engineer, contributed to critical internal systems during a strategic pivot toward AI-driven software:

- Designed and maintained ETL pipelines to aggregate utilization and operational metrics from Sarcos robotic systems (e.g., Guardian XO & Guardian GT), enabling advanced analytics on performance and usage patterns.
- Developed multiple admin portal modules using Vue.js, providing customers with intuitive dashboards to manage fleets, track diagnostics, and configure settings.
- Architected and implemented REST APIs with Python Flask and AWS Lambda, ensuring high availability and decoupled backend services for frontend integrations.
- Collaborated with cloud and DevOps teams to deploy ETL and APIs into AWS, leveraging serverless technologies for scalable, cost-efficient processing and ingestion.
- Built automated monitoring and alerting pipelines ensuring high system reliability and rapid issue resolution across ETL and API services in production environments.

BRIDGE FINANCIAL TECHNOLOGY, Chicago USA:

In the role of a Backend Engineer, helped mature the tech stack and support BridgeFT's mission of powering next-gen wealth management systems

- Utilized Django ORM to implement complex filtering and data retrieval capabilities on endpoints serving financial and portfolio datasets.
- Architected and maintained CI/CD pipelines with GitLab CI/CD, enabling automated testing, deployment, and rollbacks to AWS environments.
- Developed a CLI tool in Python to orchestrate batch ETL tasks—scheduling, execution, logging, and notifying—streamlining upstream data ingestion processes.
- Extended backend support for long-running tasks using AWS Lambda for event-driven pre-processing and AWS Fargate for scalable containerized workloads.
- Created a standardized Serverless Application Model (SAM) template for Lambda stacks, enabling consistent deployment patterns across new microservices.
- Managed Dockerized services, deploying and running containers on AWS EC2, ensuring high service availability and isolation.
- Championed improved code quality by adding unit tests to previously untested modules, driving test coverage significantly higher and reducing deployment risks.

KPMG, Lagos Nigeria – September 2020 – February 2021

Software Engineer

Worked within KPMG Nigeria's internal technology innovation team to build tools and infrastructure supporting audit automation and data analysis.

- Developed a custom **OCR (Optical Character Recognition)** application to extract and analyze structured financial data from scanned client statements, streamlining internal audit workflows.
- Built a Vue.js dashboard MVP for real-time monitoring and visualization of client-derived data, enabling better decision-making for engagement teams.
- Designed and deployed a CI/CD pipeline using Jenkins and Ansible, automating build and deployment processes across dev and staging environments.
- Containerized application components using Docker, creating and maintaining reusable images for consistent deployments across team environments.

CARROT ADVISORY SERVICES, Lagos Nigeria – June 2018 – July 2019

Software Engineer/ Team Lead

Led engineering efforts for Carrot.ng, Nigeria's first end-to-end digital will-writing platform, providing secure estate planning tools accessible to the public.

- Directed a cross-functional team to build the core application using Python Flask, while leveraging Django REST Framework (DRF) to create robust APIs for third-party integrations and internal services.
- Designed and implemented dedicated portals for agents and administrators with Django, supporting secure data management and operational oversight.
- Automated background tasks using Celery, shell scripts, and Cron, ensuring reliable execution of processes like document generation, user notifications, and data sync.
- Implemented multi-factor authentication via Google 2-Step Verification alongside email and SMS-based verification to enhance platform security.
- Managed and configured a load-balanced infrastructure using two Linux web servers to ensure uptime and distribute traffic efficiently.
- Worked closely with the Project Manager to gather requirements, define product specs, and produce technical documentation for internal and external stakeholders.
- Led and mentored a small team (2 developers, 1 designer), assigning tasks, reviewing code, coordinating design reviews, and facilitating agile planning sessions.
- Established sprint metrics and effort estimations to ensure predictable delivery timelines and stakeholder alignment.
- *Platform was awarded the United Nations-sponsored WSA Innovation Award in 2018 for impact in digital public service.*

IMAGINARIUM GLOBAL CREATIVE, Lagos Nigeria – August 2016 – May 2018

Software Engineer/ Team Lead

Oversaw backend infrastructure and VAS (Value Added Services) engineering for telecommunications and media delivery products across major Nigerian telcos.

- Set up site-to-site VPN tunnels with MTN, Airtel, 9mobile, and Glo, enabling secure API communications for telecom-integrated services.
- Built a modular VAS platform in Python Flask to manage subscriber lifecycle events such as activation, service enrollment, and billing reconciliation.
- Led development of various content delivery and VAS platforms using a mix of Python and PHP, powering large-scale SMS/USSD services.
- Integrated multiple payment gateways into web applications, facilitating online transactions for digital content and service subscriptions.
- Coordinated closely with external telco partners to define protocols, perform joint testing, and deliver compliant services under strict SLAs.

- Managed a mixed team of developers and designers overseeing training, task assignment (via Clubhouse), pull request reviews, and CI-based deployments.
- Introduced and enforced best practices in code quality, release coordination, and dev-environment standardization.

ARKHAM SYNERGY, Lagos Nigeria – February 2016 – August 2017

Co-founder/ Software Engineer

- Developed a bulk SMS marketing application in PHP to allow clients send messages to prospective clients
- Developed multiple bespoke applications in PHP for a variety of clients.
- Developed a project tracking enterprise application for National Petroleum Investment Management Services (NAPIMS). The application was built in Python and deployed on Microsoft IIS
- Interfaced with clients for requirements gathering and documentation.

BLUECHIP TECHNOLOGIES, Lagos Nigeria – May 2013 – January 2016

ETL Analyst/ Software Engineer

- Provided second-level support for enterprise applications at Etisalat
- Developed mobile subscriber plans using a combination of PL/SQL and shell scripts
- Wrote shell scripts to automate loading of large data files into an Oracle Exadata Machine
- Wrote PL/SQL procedures and packages to analyze transactional data and generate reports
- Maintained and administered Oracle databases
- Developed, in PHP, a web portal to allow enterprise staff generate and monitor the performance of registered distributors
- Built, in PHP, an inventory management system for use in Etisalat Support Centers