

Akinkunmi Joseph AKANMU

Full-Stack Software Engineer

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Career Objective

Innovative and result-driven Software Engineer with solid experience in building scalable, high-performance applications using **Python, Django, and React.js**. Strong background in **REST API development, DevOps practices, cloud infrastructure**, and modern software engineering principles. A passionate team player who thrives on solving real-world problems with efficient, maintainable, and elegant code. Seeking to contribute to impactful software solutions in a dynamic development environment.

Technical Skills

Languages & Frameworks:

- **Backend:** Python, Django, Django REST Framework, FastAPI
- **Frontend:** JavaScript, React.js, Next.js, Tailwind CSS, HTMX
- **Scripting & Automation:** Bash, Python scripting, Celery

Database & Storage:

- PostgreSQL, MySQL, CockroachDB, SQLite, Redis

Cloud & DevOps Tools:

- AWS (EC2, S3, RDS, Lambda)
- Docker, Nginx, GitHub Actions, CI/CD Pipelines
- Linux Server Management, SSH, UFW, Cron Jobs

Testing & Debugging:

- Unit Testing (PyTest, unittest), Integration Testing, Postman, Swagger / drf-yasg

Version Control & Collaboration:

- Git, GitHub, GitLab, Bitbucket, Jira, Trello

Monitoring & Performance:

- Sentry, New Relic, UptimeRobot
- Django Debug Toolbar, Logging

Other Tools:

- WebSocket, REST, JSON, JWT, OAuth2
- PDF generation (WeasyPrint), Stripe/Paystack Integration
- Web scraping (BeautifulSoup, Scrapy), Selenium

Professional Experience

Project Manager

Axon Integrated Services – Gbagada, Lagos

01/2024 – 06/2024

- Oversaw multiple telecom infrastructure projects from initiation to completion.
- Managed project timelines, resources, and budgets using **ISDP**.
- Presented reports to stakeholders and led retrospectives for continuous improvement.

Freelance AI & Backend Engineer

Tessa Technology Ltd. – Remote

03/2025 – 05/2025

- Developed **Tessa-AI**, an AI-powered customer support agent using NLP models and Django backend.
- Integrated AI pipeline with React.js frontend and chatbot interfaces.
- Delivered robust and scalable backend APIs, ensuring performance and security.

Software Engineer

HealthStarks – Lagos

05/2023 – 11/2023

- Optimized Django backend using caching (Redis) and query profiling.
- Developed and maintained REST APIs integrated with a React frontend.
- Ensured code quality through **unit testing**, linting, and GitHub Actions CI/CD.
- Built secure authentication (JWT, OAuth2) and user management modules.

Data Entry Operator

Microfinance Bank – Iwo, Osun State

03/2021 – 07/2021

- Maintained data integrity across internal databases and systems.
- Streamlined invoice and transaction entries, improving processing speed by 25%.

Software Engineer Intern

Bowen University – Iwo, Osun State

08/2018 – 12/2018

- Developed internal tools for automating faculty data processing.
- Introduced task-tracking and collaboration tools that improved team efficiency.

Education

B.Sc. Computer Science – Ekiti State University | 2022 – 2024

- **ND Computer Science** – *Osun State College of Technology* | 2017 – 2019

Volunteer Experience

- Participant – **Google Developer Student Club**
- Contributor – **Hacktoberfest (GitHub Open Source)**
- Mentor – Local Coding Bootcamp Sessions

Languages

- English (Fluent)
- Yoruba (Native)

Interests

- Open-source contributions (GitHub)
- Blogging about backend engineering & DevOps
- Attending tech meetups, online developer communities

Referees

Available on Request