

# MIRACLE ALEX

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## 🚀 Skills

Python  
Django  
Django Rest Framework  
Flask  
Fast API  
Training LLMs  
Javascript  
Unit and functional tests  
PostgreSQL, MySQL  
HTML, CSS, Bootstrap  
Git, Github, Bitbucket, Gitlab  
Nginx, Supervisor, Unicorn, Memcached  
Docker, Docker Compose, DevOps  
Kubernetes  
Kafka, Zookeeper  
Amazon Web Services (certified)  
Google Cloud  
Redis, RabbitMQ  
REST APIs, Web Sockets  
ETL Pipelines, Airflow  
Jira, Notion, ClickUp, Trello

## 📌 Summary

I'm a highly skilled and accomplished senior Python Software Engineer with over 5 years of experience in designing, developing, and delivering robust and scalable software solutions. I have proven expertise in leveraging Python and related technologies to drive innovation, optimize performance, and enhance user experiences. I'm adept at leading cross-functional teams, mentoring junior developers, and collaborating with stakeholders to achieve project objectives. I have demonstrated success in contributing to open-source projects and a strong commitment to continuous learning. I'm seeking opportunities to apply my extensive Python knowledge and problem-solving abilities to tackle complex challenges and make a significant impact in a dynamic and growth-oriented organization.

## 📁 Experience

- Turing, California** Jun. 2024 - Present  
Senior Software Engineer
  - Reviewing code provided by large language models and providing feedback on its correctness, conciseness and efficiency and, occasionally, proposing a better/more elegant solution
  - Designing, training and refining advanced language models for a variety of applications
  - Utilising Python programming to address intricate challenges while collaborating with researchers to accomplish business goals
- Torilo** Aug. 2022 - Jul. 2024  
Senior Software Engineer
  - Designing, coding, testing, and debugging software applications using Python and related frameworks on the BizEdge product of Torilo (<https://bizedgeapp.com>)
  - Implemented automated testing procedures, increasing test coverage by 20% and reducing production bugs by 25%, resulting in a more stable and reliable application.
  - Mentored and onboarded junior and midlevel developers, fostering a collaborative and growth-oriented team culture.
  - Received recognition for excellent problem-solving and attention to detail.
- Coresight Research, New York** Aug. 2021 - Oct. 2022  
Senior Software Engineer
  - Identifying performance bottlenecks and implementing optimizations to enhance application speed and efficiency.
  - Collaborating with cross-functional teams in an agile environment, participating in sprint planning, and delivering high-quality software within deadlines.
  - Creating comprehensive technical documentation, including design specifications, API documentation, and code comments

### Centricity Insights, New York

Sept. 2020 -

Python Software Engineer

Aug. 2021

- Designing and implementing RESTful APIs for seamless communication between different components of the application.
- Writing unit tests, conducting code reviews, and implementing best practices to ensure software reliability and maintainability
- Leveraged Python automation scripts to streamline repetitive tasks, reducing manual effort by 50% and improving project delivery timelines.

### Edubridge Academy, Lagos

Jun. 2018 -

Python Software Engineer

Sep. 2020

- Developed and deployed a scalable web application using Django, handling large user base, resulting in a 30% increase in user engagement and positive feedback from clients.
- Conducted in-house workshops and knowledge-sharing sessions on Python best practices, resulting in a more skilled and efficient development team.
- Successfully resolved a critical security vulnerability in the application, preventing potential data breaches and earning commendation from the security team.

### National Youth Service Corps (NYSC)

July 2017 -

NYSC

June 2018

- Managing large number of students
- Improving academic performance

## Education

### York St John University, United Kingdom

2024 - 2025

Computer Science

Master of Science

### University of Nigeria, Nsukka

2012 - 2016

Mathematics

Bachelor of Science

## Achievements & Awards

AWS Certified Cloud Practitioner

<https://bit.ly/3Xhr1Bt>

## COMPETENCIES

- Providing innovative new ideas and solutions to business challenges.
- Able to juggle priorities and multiple projects
- Adaptable and able to pick new techniques and technologies
- Familiar with linux operating systems and unix environments.
- Able to encourage and motivate junior developers

## Hobbies

Watching football, listening to music and doing research.

 **Reference**

 Available on request.