

ULOKO EMMANUEL ONUH

SOFTWARE ENGINEER / AEROSPACE ENGINEERING GRADUATE

ABUJA - FCT, NIGERIA.

+2348032695364 threxcodes@gmail.com

GitHub: <https://github.com/therexcodes>

Linkedin: <https://www.linkedin.com/in/emmanuel-uloko-825423343/>

PROFESSIONAL SUMMARY

Through my skills, background, and experience, I bring a unique blend of engineering expertise and backend software development proficiency to the table. With a solid foundation in aerospace engineering principles, I offer analytical prowess, problem-solving abilities, and a keen eye for detail. My transition into backend development demonstrates adaptability, a commitment to learning, and a passion for innovation. This combination equips me to craft robust digital solutions that meet the evolving needs of businesses, contributing to the efficiency and effectiveness of my overall skill operation.

AREAS OF EXPERTISE

BACKEND DEVELOPMENT	FRONTEND DEVELOPMENT
DATABASE MANAGEMENT	API DEVELOPMENT & INTEGRATION
UI UX DESIGN	DEPLOYMENT & HOSTING

WORK EXPERIENCE

- ✓ **Air Traffic Surveillance Engineer (undergraduate Intern)**
Nigerian Airspace Management Agency, Nnamdi Azikiwe International Airport, Abuja FCT, Nigeria.
2022-2023
- ✓ **Air Traffic Surveillance Engineer (Graduate Intern)**
Nigerian Airspace Management Agency, Nnamdi Azikiwe International Airport, Abuja FCT, Nigeria.
2024
- ✓ **Aircraft Maintenance Engineer (Graduate Intern)**
Dornier Aviation, Nnamdi Azikiwe International Airport, Abuja FCT, Nigeria. 2025

FREELANCE EXPERIENCE

- ✓ **Freelance Backend Developer (The Rex Codes)**
Developed a user authentication system (signup, login, password reset) using Django and DRF

Designed and implemented a PostgreSQL database to securely store user credentials and profile information for an existing static website. 2024

TECHNICAL SKILLS

Python Django Django REST Framework FastAPI NLTK SQL

PostgreSQL Javascript(ES6+) ReactJs Figma AWS Vercel
Git
GitHub GitLab Docker Bootstrap HTML CSS

COURSES & TRAINING

- ✓ **Full-stack web development bootcamp**
Dr. Angela Yu @ Udemy 2020
- ✓ **100 Days of Code: The complete python pro Bootcamp**
Dr. Angela Yu @ Udemy 2023
- ✓ **FreeCodeCamp UI UX Design/User Research course**
Joseph Brandon @ Youtube 2023
- ✓ **Havard's CS50p Introduction to python programming**
Prof. David J. Malan 2023
- ✓ **Havard's CS50x Web programming with python, API and Javascript**
Brian Yu 2023

PERSONAL PROJECTS

R-CHATBOT APPLICATION (2024)

- Leveraged expertise in backend development with Django to build a chatbot application, utilising Transformers - Tensorflow NLTK at first then replacing it with a third party API (OPENAI API)

R-MOVIE JOURNAL APP (2024)

- A Django-based application that allows movie enthusiasts to log, review, and organize their cinematic experiences.

EDUCATION

BACHELOR OF ENGINEERING IN AEROSPACE ENGINEERING

AIR FORCE INSTITUTE OF TECHNOLOGY, KADUNA, NIGERIA

GRADE: SECOND CLASS UPPER DIVISION

11/2018 - 21/2023

LANGUAGES

- ✓ ENGLISH
- ✓ JAPANESE (in-view)