PRECIOUS IKHIANOSE AITANUN

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PROFESSIONAL SUMMARY

Versatile software engineer with specialized expertise in data annotation and full-stack development, backed by a strong scientific background and medical knowledge. Demonstrated proficiency in Python, JavaScript, and C programming with hands-on experience building web applications, automation tools, and interactive systems. Combines analytical thinking from medical training with technical problem-solving skills to create innovative solutions across domains.

EDUCATION

Software Engineering Program
ALX | Holberton School, Lagos, Nigeria
2024 - 2025
Focus: Full-stack development, DevOps, and Software Architecture

Doctor of Medicine (MBBS)
Ambrose Alli University, Ekpoma, Nigeria
2018 - Present
Currently completing medical training with technical specialization

Bachelor of Science in Chemistry
University of Benin (UNIBEN), Benin City, Nigeria
2014 - 2018
Relevant coursework: Data Analysis, Statistical Methods, Laboratory Information Systems

TECHNICAL EXPERIENCE

Data Annotation Specialist
Mindrift AI, Remote
January 2023 - Present - Execute precision labeling of medical imaging data achieving 98% accuracy rating - Implement quality control processes that reduced error rates by 22% - Develop annotation guidelines for medical dataset preparation - Collaborate with ML engineers to refine training datasets for healthcare applications - Participate in iterative model improvement through feedback loops

Data Annotation Specialist
Alignerr, Labelbox, Remote
June 2022 - December 2022 - Performed detailed annotation of complex datasets for machine learning models - Collaborated with development teams to improve annotation efficiency by 30% - Utilized specialized annotation tools to mark features in visual and

textual data - Maintained consistent quality metrics above 95% in all project assignments - Specialized in healthcare and scientific data annotation projects

Learning Ambassador
ALX, Lagos, Nigeria
March 2024 - Present - Officially recognized with recommendation letter for exceptional technical mentorship - Guide peers through complex programming challenges and software engineering concepts - Facilitate weekly code review sessions and technical workshops

TECHNICAL PROJECTS

AirBnB Clone (Holbertonbnb)
Full-Stack Web Application | Python, Flask, JavaScript, MySQL, HTML/CSS - Created a comprehensive vacation rental platform inspired by AirBnB's architecture - Implemented a custom command-line interface for application management and database operations - Developed RESTful API endpoints for property listings, user accounts, and booking functionality - Built responsive front-end interface with dynamic content rendering and form validation - Utilized MySQL for data persistence with optimized queries and relationship mapping - [GitHub Repository: github.com/nadira3/AirBnB_clone_v2]

AfrikAI: Microservice Task Manager
Web Application | JavaScript, HTML/CSS, Java, SpringBoot- Designed and developed an interactive web application that allow users, clients and admins to manage and solve tasks on a commercial scale - Implemented algorithms to handle multiple types of backend logic - Created intuitive UI with step-by-step solution display for educational purposes - Built responsive design ensuring accessibility across various devices and screen sizes - [Live Demo: github.com/nadira3/afrikai_apis]

Simple Shell Project
System Programming | C Language - Engineered a functional UNIX command interpreter from scratch in C - Implemented core shell functionalities including command execution, environment variable handling, and path resolution - Developed built-in commands for navigation and system interaction - Created robust error handling and memory management systems - [GitHub Repository: github.com/nadira3/simple_shell]

Personal Portfolio Website
Front-End Development | HTML5, CSS3, JavaScript - Designed and implemented a responsive personal website showcasing projects and skills - Created custom animations and interactive elements to enhance user experience - Implemented mobile-first design principles for optimal viewing across devices - Utilized JavaScript for dynamic content loading and form handling - [Live Site: nadira3.github.io/personal-website]

Printf Function Recreation
Low-level Programming | C Language - Recreated the standard C printf function from scratch with complete functionality - Implemented custom format specifiers for different data types (chars, strings, integers, etc.) - Engineered modular code structure with separate handler functions for different format types - Optimized memory usage and performance for efficient string processing - [GitHub Repository: github.com/nadira3/printf]

SKILLS

- **Programming Languages**: Python, JavaScript, HTML/CSS, C, SQL
- **Frameworks/Libraries**: Flask, Bootstrap, SpringBoot
- **Database Technologies**: MySQL, SQLite
- **DevOps & Tools**: Git, GitHub, Docker basics, VS Code
- **System Administration**: Linux/Unix command line, Bash scripting
- **Data Science**: Data annotation, Data cleaning, Basic ML concepts
- **Soft Skills**: Technical communication, Problem-solving, Teamwork, Time management

CERTIFICATIONS

- ALX Software Engineering Certification
- ALX AI Starter Kit
- Intel - Introduction to AI for Youth

COMMUNITY ENGAGEMENT

Founder & Technical Lead - MedQuizz
Telegram Medical Education Community
2022 - Present - Developed and maintain platform serving 200+ medical students - Engineered automated quiz delivery system and scoring algorithm - Implemented database of 5,000+ structured medical questions - Utilize data analytics to improve question quality and user engagement

Forbes BLK Official Member
2023 - Present - Participate in technology and innovation initiatives within the Forbes BLK community - Contribute to discussions on technology in healthcare and medical education

LANGUAGES

- English (Native)
- Yoruba (Fluent)
- French (Conversational)

REFERENCES

Available upon request