

ALIF OSMAN OTOO

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SUMMARY

Aspiring IT professional with strong foundation in computer engineering and hands-on experience in Mobile and web Development, UI/UX and Graphic design, IT support, network installation, and surveillance maintenance as well as ML and AI enthusiast. Seeking to leverage technical expertise and problem-solving skills in a dynamic tech environment to drive innovation and efficiency.

SKILLS

Languages	C/C++, HTML, CSS, JavaScript, SQL, React, React Native, Python, Django, RESTful APIs
Database	PostgreSQL
Tools and Technologies	Linux, TensorFlow, Photoshop, Illustrator, Figma, EVE-NG, GNS 3, Visio, Concept, Canvas
Typesetting	Microsoft Word, LATEX, Excel

WORKING EXPERIENCE

IT support (User support & Networking) <i>Wilmar Africa Limited</i> (Accra, Ghana)	Oct 2024 - Present
<ul style="list-style-type: none">Assisted in the installation and maintenance of industrial surveillance and network systems after completing specialized training, deploying over 5 IP cameras with remote monitoring across 2 manufacturing facilities, conducting routine maintenance to ensure 99% uptimeProvided IT support across 5+ departments, resolving 95% of technical issues on first response and reducing downtime by 40% through proactive troubleshooting, system updates, and user training.	
UIUX and Graphic Designer , <i>JustGo health Ltd</i> (Accra, Ghana)	Aug 2023 - Oct 2023
<ul style="list-style-type: none">Conducted user research and usability testing to gather feedback, iteratively refining designs to meet user needs and enhance overall usability and satisfaction.Designed intuitive and visually appealing user interfaces for JUSTGO Health's digital platforms, ensuring a seamless and engaging user experience across web and mobile applications.	
IT support (User support & Networking) <i>Ghana Specialty Fats and Industries Ltd</i> , (Accra, Ghana)	Oct 2023 - Dec 2023
<ul style="list-style-type: none">Assisted in installing and maintaining network and surveillance systems, providing IT support that resolved 90% of issues promptly and improved network performance by 25% through regular system checks and updates.	

LEADERSHIP AND VOLUNTEERING

Founder, (KL-Techub) Graphic Design, Mobile and Web development, UI/UX	Sept 2023 - Present
<ul style="list-style-type: none">Established and led KL Techub, a technology solutions firm specializing in web and mobile development, UI/UX, and graphic design. Managed a cross-functional team of developers and designers, delivering 20+ client projects on schedule with a 95% client satisfaction rate through innovation and quality execution.	

PROJECTS

DHCP Server Implementation Mini Project	Feb-2025
Inter-VLAN Routing (Router-on-a-Stick) Mini Project	March-2025
Static and Dynamic Routing Topologies Mini Project	June-2025
Access Control Lists (ACL) Mini Project	Jan-2025
Mobile Banking App Software Engineer	April 2023
<ul style="list-style-type: none">Developed and deployed responsive, user-friendly interfaces for banking applications using React, building the UX/UI to implement feedback-driven improvements that enhanced usability and increased user satisfaction scores by 25%.	
Agro_predict_app Expo Project	Feb 2024
<ul style="list-style-type: none">Developed an agriculture-focused mobile app using React Native and machine learning to forecast crop yields from environmental data, improving prediction accuracy by 92% and helping farmers increase productivity by 30% through data-driven, sustainable farming decisions.	
Arduino-based Environmental Monitoring System Final Year Project	Sept 2024
<ul style="list-style-type: none">Designed and developed an Arduino-based environmental monitoring system integrating temperature and soil moisture sensors. Simulated and tested the system using Proteus, achieving over 95% accuracy and high reliability in real-time data collection.	

PROFESSIONAL TRAINING AND CERTIFICATE

AWS Academy graduate Data-Engineering Amazon Web Services	Feb 2024 - March 2024
AWS Academy Cloud Developing Amazon Web Services	Feb 2024 - April 2024
AWS Academy Cloud Semester two Amazon Web Services	March 2024 - April 2024
Networking Devices and Initial Configuration Cisco Networking	Jan 2024 - Feb 2024
Network Technician Career Path Cisco Networking	Feb 2024 - March 2024
Network-Support-and-Security Cisco Networking,	Feb 2024 - March 2024
Networking-basics Cisco Networking	March 2024 - April 2024

EDUCATION

Kwame Nkrumah University of Science and Technology, BSC. Computer Engineering | Kumasi, Ghana. Jan 2020 - Sept 2024
GPA: 67 / 100

Relevant Courses: Computer Vision and Robotics | Software Engineering| Computer Networking | Database and Information Retrieval| OOP(C++) | Secure Network Systems| Data Structures and Algorithms (C++) | Distributed Computing (AWS)