

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) *Wilmar Africa Limited* | (Accra, Ghana) Oct 2024 - Present

- 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% uptime
- Provided 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, *JustGo health Ltd* | (Accra, Ghana) Aug 2023 - Oct 2023

- 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) *Ghana Specialty Fats and Industries Ltd,* |(Accra, Ghana) Oct 2023 - Dec 2023

- 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

- 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

- 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

- 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

- 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 , <i>BSC. Computer Engineering</i> 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)	