

MUSTAPHA AHMED OLAMILEKAN

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Career Objective

A motivated Telecoms Graduate Engineer with hands-on experience in telecommunications systems, specializes in satellite communication with hands-on experience in designing, implementing, and maintaining satellite communication systems. Skilled in satellite ground stations, RF engineering and a proven track record of leadership through active participation in student politics. Eager to leverage technical, problem solving skills, and leadership experience in a dynamic engineering environment to contribute to innovative solutions and drive organizational success.

Education

Bachelor of Engineering in Telecommunications Engineering, B.Eng.

[Federal University of Technology, Minna], Niger state | [January, 2025]

- Graduated with [Second Class Upper division]
- Relevant coursework: Wireless Communications, Satellite Communication, Data Communication and Networks, Digital Image Processing, Telecommunication Engineering.

Senior secondary School Leaving Certificate

[Armyday Senior Secondary School, Sobi], Ilorin | [February, 2013- July, 2016]

- West African Examination Certificate (WAEC)
- National Examinations Council (NECO)

Professional Experience

Engineer Intern, Nigerian Communications Satellite (NIGCOMSAT), Abuja, September , 2023 – March , 2024

- Assisted in the configuration and maintenance of satellite communication systems.
- Worked with senior engineers on troubleshooting signal transmission issues.
- Gained exposure to telecommunication infrastructure and satellite ground stations.
- Worked with RF engineering teams to design, install, and align satellite antennas for efficient signal reception and transmission.
- Collaborated with technical teams on satellite mission planning, frequency coordination, system integration and fieldwork for satellite dish alignment.

IoT Based Egg Incubating System(Final Year Project)

[Federal University of Technology, Minna] | [September, 2024]

- Designed and constructed an IoT Based Egg Incubating System for real-time monitoring.
- Collaborated with a team to implement electronics circuitry, software design, microcontroller programming, and communication protocols.

National Youth Service Corps (NYSC)

[Engineer Intern, SEAP 89.1 FM, Okeho] [January, 2026 – Till date]

- Assisted in the technical operations of radio transmission and broadcasting equipment
- Participated in basic troubleshooting and maintenance of communication and audio systems
- Assisted in the maintenance of computer systems, networking infrastructure, and internet connectivity
- Conducted training sessions for students on digital literacy and safe internet practices

Leadership & Extracurricular Activities

General Secretary, [School of Engineering Induction Committee] Futminna Branch, [October, 2024 – February, 2025]

Chief Organizer, [Three (3) days Leadership Summit, ESF] Futminna Branch, [June, 2024]

General Secretary, [Engineering Stakeholders Forum, ESF] Futminna Branch, [March, 2024 – November, 2024].

President, [National Association of Telecommunications Engineering Students, NATES] Futminna Branch, [January, 2023 – September, 2023]

Treasurer, [National Association of Telecommunications Engineering Students, NATES] Futminna Branch, [February, 2022 – November, 2022]

- Spearheaded initiatives to promote student welfare, conflict resolution, and unity within the academic community.
- Led a team of student representatives in negotiations with university management on policy reforms.
- Organized and facilitated student engagement programs, improving communication between students and administration.
- Worked as a volunteer to ensure student union has better representative during its election.

Educator/ Tutor Experience

[Royal Crescent Valley International School, Zango, Ilorin] [January, 2025] [Further Mathematics and Mathematics tutor]

[Bowel of mercy high school, Unity, Ilorin] [September, 2025] [Further Mathematics, Physics and Mathematics tutor]

- Gained experience in teaching and guiding learners in understanding complex mathematical concepts.
- Tutored learners awaiting WAEC/NECO/JAMB examinations on mathematics, physics, English language, and chemistry on extra lessons.
- Developed and implemented innovative lesson plans and resources thereby improving student grades and academic performances.
- Award of excellence from Africa Mathematics Ambassador

Skills

- Educator/Tutor
- Leadership & Team Management
- CCTV installation and car tracking systems
- Satellite Communication Systems

- Computer Engineering and Networking
- Computer Appreciation
- Phone Repairs and Gadgets
- MS Office Suites.

Awards & Certification

Certifications

- Cisco Certified Network Associate (CCNA) – [In view]
- Huawei Certified ICT Associate (HCIA-Datacom) – [In view]
- Diploma Computer Engineering, Networking and Appreciation
- Diploma Phone Repairs
- Diploma CCTV Camera Installation
- Award of excellence, Africa Mathematics Ambassador
- Treasurer, President [National Association of Telecommunications Engineering Students, NATES]
- General Secretary [Engineering Stakeholders Forum]

Tools & Technologies

- VS, Studio
- Python Programing
- Microsoft Office suite
- Packet tracer
- Proteus Simulation

Professional Memberships

- Member, Institute of Electrical and Electronics Engineers (IEEE), Graduate Body – [2025]
- Member, Nigerian Society of Engineers (NSE) – [GMNSE]

REFeree

Available upon request.