IS-HAQ ABDUL-MOOMIN

Ghanaian Citizen

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○ abdul-moominis-haq

Summary

I am a passionate **software engineer** with strong skills in developing and implementing innovative software solutions. I am committed to leveraging technology to solve real-world problems.

○ Skilled in full-stack development with a keen interest in building scalable and user-centric applications.

○ Dedicated to providing software solutions that enhance business efficiency and user experience.

○ Eager to learn, grow, and contribute within a forward-thinking organization that values innovation, collaboration, and continuous improvement.

Education

University of Mines and Technology   **Tarkwa, Ghana**
BSc. Computer Science and Engineering   *2022–2025*

○ Concentrations: Software Engineering, Artificial Intelligence, IoT

○ GPA: 3.00/4.00 (Equivalent to CWA 65.4)

○ Relevant Coursework: Data Structures & Algorithms, Software Engineering, IoT, Machine Learning, AI, Object-Oriented Programming, Statistics

Bawku Senior High/Technical School   **Bawku, Ghana**
WASSCE, General Science   *2018–2021*

Aminiya Islamic Juior High School   **Bawku, Ghana**
BECE, Basic Education   *2016–2018*

Experience

Educ8 Africa   **Remote, Accra**
Volunteer Software Engineer   *Jul 2024–Aug 2025*

○ Designed responsive and dynamic web apps with Next.js, React.js, and Node.js.

○ Integrated backend logic using Node.js and MongoDB for real-time feedback and form handling.

KowordaTech   **Remote, Accra**
Volunteer Web Developer   *Sep 2023–May 2025*

○ Contributed to agricultural product catalog platforms with authentication and analytics dashboards.

○ Developed RESTful APIs and MongoDB databases for content delivery systems.

GAOTek Inc.   **Remote, New York**
Graphic Design Intern   *Sep 2023–Dec 2023*

○ Designed digital assets and marketing materials using Adobe tools.

○ Supported BLE and RFID teams with technical infographics and visual dashboards.

UMaT IoT Lab   **Tarkwa, Ghana**
Research Intern   *Oct 2023–Nov 2023*

○ Implemented sensor-based IoT for smart irrigation and soil monitoring.

○ Contributed to an Agri-IoT climate advisory system using ESP32, Python, and ThingSpeak.

Projects

2025: **SmartAgri – Smart Farming Management System (Team Lead)** – Digital agriculture platform using AI, IoT, and real-time data to support farmers.
Link

2025: **Financial Analyzer and Investment Prediction Platform (Team Member)** – Built ML-powered platform for market trend analysis and portfolio optimization.
GitHub

2025: **Educ8 Africa Website (Team Lead)** – Comprehensive digital learning platform.
GitHub

2024: **Real Estate Management WebApp (Team Lead)** – Full-featured real estate solution with CRM, valuation models, and reporting.
GitHub

2023: **Inventory Management System (Team Member)** – Scalable inventory solution with analytics and automated reorder points.
GitHub

2023: **Agri-IoT Mobile App (Team Lead)** – IoT-driven app with predictive analytics for smart farming.
GitHub

2023: **Blog Web Application (Team Lead)** – Feature-rich blogging platform with SEO optimization and social media integration.
GitHub

Explore more: GitHub Profile

Activities and Leadership

UMaT IoT Lab   **Tarkwa, Ghana**
Student Mentee   *Oct 2023–Dec 2025*
Mobile and web developer contributing to IoT projects and mentorship programs.

Ghana Muslim Students Association   **UMaT, Tarkwa**
Chair, Da'wah and Education Committee and Masjid Committee   *Aug 2023–Aug 2025*
Led an organization of 1000+ members, hosted religious and community events, managed executives, and coordinated outreach for underprivileged communities.

Ghana Muslim Students Association   **Bawku SHTS, Bawku, Ghana**
Imam from 2018-2020 Academic Year, Vice- President from 2020-2021 Academic Year   *Aug 2018–Aug 2021*
Led an organization of 500+ members, hosted religious and community events, managed executives, and coordinated outreach for underprivileged communities.

National Science and Mathematics Quiz Contestant   **Bawku SHTS, Bawku, Ghana**
First Contestant, NSMQ 2021   *2021 NSMQ Competition*
Represented Bawku Senior High Technical School at National Science and Mathematics Quiz

Senior Boys Prefect   **Aminiya Islamic JHS, Bawku, Ghana**
First Contestant, SP 2018 Academic Year   *2018 Academic Year Competition*
Senior Boys Prefect and Best performing BECE Candidate

Certifications

2025: **Masterclass on Digital Product Development** – UnternehmerTUM Ghana Hubs Network

2024: **Digital Product Development: From Zero to Hero** – Technical University of Munich (TUM)

2024: **Machine Learning** – Simplilearn

2023: **WordPress (CMS)** – Udemy

2023: **Microsoft SQL Server** – Udemy

Skills

Programming: JavaScript, Python, HTML/CSS, SQL, Node.js, React.js, Next.js, C++, MongoDB

Tools: Android Studio, IntelliJ, PyCharm, Eclipse, AWS, Jupyter Notebooks, Git, Bootstrap, Spring Boot, Agile, Redis, TensorFlow, Docker

Other: REST API Design, Cloud Integration, Responsive Design

Languages: English, Twi, Hausa

References

Available upon request.