

Samuel Kwabena Assan

WEB DEVELOPER

PROFESSIONAL SUMMARY

A web developer with a strong emphasis on back-end development, while maintaining proficiency in frontend design. Experienced in building seamless website interfaces and robust server-side functionality that together contribute to the overall success of the product. I take pride in writing clean, efficient code and enjoy solving complex problems that enhance performance, scalability, and user experience. My approach blends technical precision with a clear understanding of how each component fits into the bigger picture.

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EDUCATION

Bachelor of Science in Computer Engineering | 2018-2022

University of Energy and Natural Resources

- GPA: 2.80

TECHNICAL SKILLS

- Tech Stack: Node.js, Express.js, MongoDB, EJS, JavaScript, HTML/CSS
- Strong understanding of MVC structure
- Database management: MongoDB
- Version control: Git (GitHub, GitLab) Integration of front-end with back-end systems
- for seamless user experience
- Testing & debugging: Postman, browser developer tools and focused on scalability, clean code practices, and system efficiency

PERSONAL SKILLS

- Excellent Communication Strong analytical & problem-solving ability
- Leadership and mentoring Team work and Collaboration
- Multitasking Abilities
- Critical Thinking skills
- Technical report writing
- Continuous learning

CERTIFICATIONS

- Web Design Fundamentals- L-skill Hub
(issued: January 2024)
 - Back-End Development I- L-skill Hub
(issued: January 2024)
 - JavaScript Essentials- L-skill Hub (issued: January 2024)
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PROJECTS

School Management System (Node.js, Express, MongoDB) – Ongoing

- Developing a full-stack school management platform with features such as class and timetable management, subject grouping, syllabus tracking, and teacher authentication using JWT. Implemented core academic modules including subject allocation and timetable scheduling. Currently working on teacher attendance and assessment tracking, with plans to extend into finance and parent portal modules.

PROFESSIONAL EXPERIENCE

National Service | Nov 1, 2022-Sept 30, 2023 Ghana Atomic Energy Commission

- Supported the IT team in the installation and configuration of network infrastructure, including the physical laying of Ethernet cables, organizing network routes, and helping to ensure stable and secure connectivity across departments.
- Successfully set up servers and installed internet routers at designated network points within the guest house to ensure stable and high-speed internet connectivity for guests and staff.
- Assisted in the installation and configuration of Microsoft Office applications and offered technical support to staff by troubleshooting software issues, resolving system errors, and addressing various day-to-day technical challenges across departments.
- Assisted in designing and implementing the user interface of the Ghana Atomic Energy Commission's login page, focusing on creating a clean, responsive, and user-friendly experience.
- Part of the team responsible for diagnosing and replacing faulty routers, as well as assisting with server troubleshooting, to ensure stable network performance at the Ghana Atomic Energy Commission Hospital.

L-Developer (Reverse Engineer) | March 1, 2024 - Dec 31, 2024, Links Engineering Limited

- Traced issues within applications or back-end systems by examining behavior, logs, or reverse logic to find and resolve bugs or security flaws.
- Helped reconstruct or redevelop features based on reverse-engineered insights from older versions or broken software modules.
- Investigated old systems to extract or recover data structures and relationships to support migration to new databases or platforms.
- Worked alongside full-stack developers to translate reverseengineered insights into clean, scalable, and secure code.
- Examined outdated or undocumented codebases to understand functionality and architecture for refactoring or modernization.
- Analyzed existing frontend interfaces and design patterns to replicate or improve user experiences in newer applications or system upgrades.

REFERENCES

Available upon Request