Mohammed Dokurugu Hussein

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SKILLS

- **Proficient:** HTML5, CSS3, JavaScript | Git, GitHub | Bootstrap, JSON | Copilot Studio | Prompt Engineering for Large Language Models (LLMs) such as ChatGPT; AI-Assisted Development.

- **Experienced:** Java | Public Speaking | C#, .NET Framework / .NET Core, ASP.NET MVC, MS SQL Server | Python

SUMMARY

Full-Stack Developer with hands-on experience building practical web solutions and integrating AI tools to solve real-world problems. A reliable team player with strong communication, leadership, and problem-solving abilities.

EXPERIENCE

Full-Stack Developer (National Service) — **Volta River Authority (VRA)** — **Nov 2024 - Sept 2025**

- Implemented an LLM-powered internal assistant using **HTML, CSS, JavaScript, Python, LangChain, and OpenAI,** enhancing employee access to organizational knowledge and improving support efficiency.

- Contributed to the development of a Project Register application with the Technology Platforms team at VRA – Digital Transformation & Innovation Center. The system, built with **C#, .NET Framework/Core, ASP.NET MVC, and MS SQL Server,** streamlined project tracking through formal stages, improving **productivity by 70%.**

- Supported the **Business Data Analytics** team by cleaning and organizing engineering and operational data using **Microsoft Excel** and **Word**, ensuring proper formatting for dashboard creation that improved organizational **productivity by 70%.**

- Conducted research on emerging concepts such as vulnerability exploits, phubbing, and LLMs, and delivered a presentation on their key insights and applications.

IT Support Technician (Internship) — **Volta River Authority** — **July 10 – August 31, 2023**

- Worked with the **Networking Department** to troubleshoot and resolve employee network issues, ensuring smooth connectivity and minimal disruptions. Contributing to a **45% improvement** in employee productivity by reducing technical downtime.

- Assisted with telephone setups across departments and presented research on networking concepts to support team knowledge.

EDUCATION

Bachelor of Science — **Ghana Institute of Management and Public Administration** — **Feb 2021 - July 2024**

- **Computer Science.** Modules Included: Programming, Data Science, Algorithms and Data Structures

PROJECTS

- **FashionHub:** A fashion recommendation web application built with **HTML, CSS, JavaScript, Python, LangChain, and OpenAI.** The system provides personalized local fashion suggestions tailored to users in Ghana, promoting cultural identity while helping individuals dress uniquely and confidently. Click here to view project

- Integrated an AI Copilot agent into a .NET application to enhance workflow efficiency and demonstrate AI-driven process automation through multiple specialized agents.

- **Nature's Nook:** Built a responsive web application using **HTML, CSS, and JavaScript** for a plant-selling business, enabling customers to browse and purchase plants online while improving user engagement and experience. Click here to view project

CERTIFICATIONS

General Competency Development Program for National Service Persons: CV Writing & Interviewing skills, Communication & Presentation Skills, Entrepreneurial Skills, and Personal Branding. — **VRA (Aug 30, 2025)**