ABDUL-AZIZ ZIBLIM

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Industrial Engineering student with hands-on experience in Python programming, backend development, machine learning, and cloud computing basics. Passionate about solving complex problems through innovative technology solutions and building a career in cloud computing, Python development, and IT consultancy.

EDUCATION

KWAME NKRUMAH UNIVERSITY OF SCI & TECH *(Currently enrolled)*   Since Sept. 2020; Kumasi

Bachelor of Engineering, Major in Industrial Engineering;

> **Relevant Coursework**: Mathematics, Engineering Design, Computer-Aided Design, Manufacturing Technology, Operations Research, Logistics, Project Management.

EXPERIENCE

Intern | R&D and Engineering Design | IMHO Limited, Kumasi (8 weeks)   OCT 2024- NOV 2024

- Led a team of six in the design and fabrication of a mobile molten metal pouring system to enhance foundry operations' safety and efficiency.
- Managed IT-based tasks, including system requirements documentation and technical presentations.
- Conducted research and stakeholder engagements to align the system with industry standards and environmental practices.

Media Chairperson | Campus Association   2022-2024

Led the IT & Media department, orchestrating technological and media-related endeavors for the association.
Conducted workshops, enhancing members' technological proficiency in various domains.
Collaborated on IT projects, enhancing technical support and innovation within the club.

PROJECTS

Portfolio Website
• Developed and deployed a modern personal portfolio website using HTML, CSS (Tailwind), and JavaScript, hosted on Vercel.
• Accomplished a sleek, responsive design—measured by dark/light mode support, optimized performance, and aesthetic color schemes—by applying UI best practices and theme toggling logic.

Django Social Media App
• Accomplished a responsive social platform with user interaction features, measured by smooth multi-user testing and consistent deployment, by developing it with Django, styling with Tailwind CSS, containerizing with Docker, and automating CI/CD using GitHub Actions.

ACTIVITIES

PARTICIPANT, GHANA DATA SCIENCE SUMMIT   Kumasi, Ghana
- Gained hands-on experience with data analysis and machine learning tools through workshops and tutorials.
- Explored research showcases by ML labs, interacting with industry experts to gain insights into the latest trends and advancements in data science.

ADDITIONAL

Technical Skills: Python, Django, FastAPI, HTML, CSS, Docker
Languages: Fluent in English and Dagbani
Certifications & Training: Python programming and intro to machine learning (Kaggle), Data analysis with Python (freecodecamp), Supervised learning, Unsupervised learning, Recommenders, Reinforcement learning (Coursera)

For additional information on my projects, please visit my portfolio site