

Archangel Michael Mensah



Accra, Ghana



archangel7480@gmail.com



0533600065



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Profile

Enthusiastic Computer Science student with a strong background in Software Development, Python, and IoT. Passionate about problem-solving and emerging technologies, with a keen interest in data science. Skilled in building scalable solutions and eager to apply analytical abilities to real-world challenges.

Work Experience

Zelus Technologies

Jan 2025 to March 2025

Software Developer (Intern)

- Gained hands-on experience in software development, assisting in coding, debugging, and testing applications. Collaborated with senior developers to implement features, optimize code, and troubleshoot issues. Worked with web technologies, databases, and APIs while following best practices in software development.

African Regent Hotel

August 2024 to October 2024

IT Technician (Intern)

- Assisted in maintaining and troubleshooting the hotel's IT infrastructure, including network systems, hardware, and software. Provided technical support to staff, ensuring smooth operation of computer systems, printers, and internet connectivity. Helped with system upgrades, data backups, and cybersecurity measures to enhance IT efficiency and security. Collaborated with the IT team to resolve technical issues and improve overall IT performance.

Education

Bachelor of Computer Science

Ghana Communication Technology University

Jan 2023 to Present

General Science

St. John's Senior High School

September 2019 to September 2022

Projects

A-Jet Rental Website

February 2025 - March 2025

- A-Jet Rental Website is a user-friendly online platform designed for seamless private jet bookings. The website offers an intuitive interface where clients can browse available jets, filter options based on capacity, luxury level, and flight routes, and make reservations effortlessly. Built with HTML, CSS, JavaScript, MySQL, and PHP, the site integrates a secure booking system and database to manage customer inquiries and reservations efficiently. It also includes essential pages like Home, About, Services, Contact, and Booking, ensuring a smooth user experience.

Voting System

Jan 2025 - Feb 2025

- The Voting Interface is a secure and user-friendly web application designed to facilitate seamless online voting. It provides a streamlined and intuitive experience for users to cast their votes efficiently. Simple & Intuitive Design: Ensures easy navigation for all users. Secure Voting System: Prevents duplicate voting and ensures data integrity. Real-time Vote Counting: Displays updated results as votes are cast. Responsive & Accessible: Works across desktops, tablets, and mobile devices. Database Integration: Stores votes securely using PHP and SQL.

Skills

- **Web Development:** HTML, CSS, JavaScript, Bootstrap, Django.
- **Backend Development:** PHP, MySQL.
- **Programming:** Python.
- **Version Control:** Git, GitHub, Vercel.
- **Database Management:** MySQL.
- **Productivity Tools:** Microsoft Office (Word, Excel, PowerPoint)

Certificate

Responsive Web Design Certificate

- Certified in Responsive Web Design by FreeCodeCamp, demonstrating proficiency in building modern, mobile-friendly websites using HTML, CSS, and Flexbox/Grid. Skilled in creating visually appealing, accessible, and user-friendly interfaces that adapt seamlessly across different screen sizes and devices.

Introduction to IoT Certificate

- Earned a student-level credential for successfully completing the Introduction to Internet of Things course. Gained foundational knowledge of IoT and its role in Digital Transformation, including data analytics, AI/ML, and cybersecurity. Understands Intent-Based Networking (IBN) for connecting and securing large-scale IoT ecosystems.

Introduction to Cybersecurity Certificate

- Possesses foundational knowledge of cybersecurity, including the global impact of cyber threats on various industries and the growing demand for cybersecurity professionals. Understands vulnerabilities, threat detection, and defense strategies, with insight into career opportunities and the benefits of cybersecurity certifications.

Language

English: Advanced

French: Basic

GA: Intermediate