Arhin David Kwabena

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EDUCATION

University of Mines and Technology   Tarkwa, Ghana
Bachelor of Science in Computer Science and Engineering   *Expected Oct 2026*

PROJECTS

ECOMMERCEX / *Nextjs,MongoDb,MySQL*   Feb 2024 – Present
- . Developed a full-fledged e-commerce platform using Next.js, MongoDB, and MySQL, offering a seamless shopping experience.
- Implemented dynamic and responsive user interfaces using Next.js, enhancing user engagement and retention.
- Integrated MongoDB and MySQL databases to manage product inventory, user profiles, and order processing, ensuring efficient data management.
- Utilized advanced authentication and authorization techniques to secure user data and transactions, maintaining high levels of privacy and security.

IdeationAxis WebApp / *React, nodejs*   Feb 2024 – Mar 2024
- Developed a web application called IdeationAxis using React for the frontend and Node.js for the backend, aimed at facilitating idea generation and collaboration among users.
- Designed and implemented a responsive user interface using React, providing a seamless experience across devices.
- Integrated backend services using Node.js to handle user authentication, data storage, and real-time collaboration features.
- Conducted thorough testing and debugging to ensure the application's reliability and performance.

JS Components / *Javascript, HTML, CSS*   Oct 2023 – Dec 2023
- Developed a collection of reusable JavaScript components for enhancing user interface functionality across web applications.
- Created modular JavaScript components, such as sliders, tabs, and modals, using vanilla JavaScript and/or a framework like React or Vue.js.
- Implemented custom event handling and data binding to enhance component interactivity and reusability.
- Ensured cross-browser compatibility and responsiveness of components through thorough testing and optimization.
- Collaborated with designers and developers to integrate components into various projects, improving development efficiency and user experience.

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SKILLS

Languages: Python, TypeScript, SQL, JavaScript, CSS, HTML
Frameworks: NextJS, React, Django, Tailwind
Developer Tools: Git, Docker, Postman

EXPERIENCE

Intern   Oct 2023 – Dec 2023
ImhoGen   *Kumasi, Ghana*
- Conducted research on available libraries, analyzing their advantages, drawbacks, and performance metrics to inform decision-making processes.
- Contributed to the development and submission of various business proposals, gaining hands-on experience in the proposal writing process and enhancing organizational communication skills
- Revamped and enhanced the productivity of the company's website through strategic furnishing and optimization initiatives, resulting in improved efficiency and performance

Lead Developer   Jan 2023 – Present

Ideation Axis   *Tarkwa, Ghana*

- Spearheaded the development of Ideation Axis' dynamic website, overseeing a team to ensure timely delivery of a high-quality, user-friendly platform.
- Led frontend development using React, enhancing the website's interactivity and responsiveness, resulting in improved user engagement and satisfaction.
- Managed backend implementation with Node.js and MongoDB, implementing features such as user authentication and real-time collaboration, enhancing the website's functionality and performance.

VOLUNTEER

Frontend Development Tutor   May 2024 – Present

Ideation Axis   *Accra, Ghana*

- Provided voluntary tutoring and mentorship to over 50 students in frontend development, covering topics such as HTML, CSS, JavaScript, and popular frameworks like React and Vue.js.
- Created engaging lesson plans and workshops to enhance students' practical skills, offering personalized guidance to help them overcome challenges and achieve their learning goals.