

Bamidele Ademokoya

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EDUCATION

University of Lagos

Bachelor of Science in Geophysics

Lagos, Nigeria.

Aug. 2012 – Aug. 2017

EXPERIENCE

Tech Instructor

Imperial Lights College

September 2022 – Present

Lagos, Nigeria

- * Designed and delivered both in-person and virtual training sessions, covering JavaScript, HTML5, CSS3, and other key technologies, ensuring a balance between theoretical knowledge and hands-on experience.
- * Developed engaging, multimedia-rich learning materials, incorporating quizzes, interactive coding exercises, and project-based assessments to create a dynamic and inclusive learning environment.
- * Explored ways to visualize GitHub collaboration in a classroom setting
- * Developed engaging, multimedia-rich learning materials, incorporating quizzes, interactive coding exercises, and project-based assessments to create a dynamic and inclusive learning environment.
- * Spearheaded the development and integration of RESTful APIs using Express.js and Node.js, improving backend performance, data retrieval efficiency, and scalability of the institution's digital platforms.
- * Conducted regular code reviews, providing detailed feedback and mentoring to students, fostering high coding standards and improving overall code quality and understanding of best practices.
- * Collaborated with school leadership to integrate modern web technologies and teaching methodologies into the curriculum, aligning technical training with industry trends.
- * **Ongoing Project:** ComputeALL
- * Currently leading the development of a Result Management System to streamline internal processes. This system will allow teachers to input student results, while enabling parents to view or print reports. The platform will also include school fee payment integration, enhancing administrative efficiency and the user experience for parents.

PROJECTS

Devware | *JavaScript, Node, Express, React, NoSQL, Reduxtoolkit, Docker*

April 2024 – Present

- Developed a full-stack news aggregator platform for developers, enabling them to connect, share knowledge, and foster innovation. The platform utilizes React.js for the front-end and Node.js with Express for the back-end, offering a seamless user experience and efficient data handling.
- Implemented dynamic features for posting, commenting, and user subscriptions, including payment systems rewarding users with the most post views, and an automated profanity filter to maintain community standards.
- Built a RESTful API to handle CRUD operations, utilizing MongoDB for data storage and management. The API was designed for efficiency, scalability, and seamless integration with the platform's front-end.
- Leveraged various technologies to enhance the platform's functionality, including cron jobs for automating the payment reward system, Stripe for handling payments, Cloudinary for image management, and Google OAuth for secure user authentication. Managed state using Redux Toolkit and optimized data fetching with React Query. Integrated Nodemailer for automated email notifications and implemented JWT for secure user authentication and authorization.
- Developed a responsive platform with pagination and search functionality, ensuring a smooth user experience across all devices. The design adapts dynamically, while the API supports efficient search and pagination to handle large datasets seamlessly.
- Implemented AWS 3-tier architecture, utilizing EC2 instances for the application layer, MongoDB for database management, and S3 for static asset storage. Integrated pagination, search functionality, and responsive design to ensure a scalable, user-friendly platform that performs efficiently across devices.

TECHNICAL SKILLS

Languages: JavaScript, Typescript, SQL (MS SQL Server), NoSQL (MongoDB) HTML5/CSS3

Frameworks: Next.js, Node.js, Express, TailwindCSS, Material-UI, Shadcn

Developer Tools: Git, Docker, AWS, VS Code, Webpack, Babel, Github

Libraries: React.js