AKHARAMEN KELVIN

Software Engineer

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Education

National Open University, Victoria Island, Lagos
Bachelor of Science, Major: Computer Science

Professional Summary

Highly motivated and adaptable Full Stack Developer with a robust foundation in building modern web applications using React.js, Node.js (Express.js), and MySQL. Passionate about developing efficient back-end systems and crafting intuitive user interfaces. Eager to immediately apply a comprehensive understanding of the React ecosystem, including server-side rendering (SSR), static site generation (SSG), and API routing concepts inherent to frameworks like Next.js, to contribute to dynamic projects. Proven ability to rapidly acquire and integrate new technologies, delivering high-quality, end-to-end solutions in a remote, collaborative environment.

Technical Skills

- **Languages:** JavaScript, Python, PHP, HTML, CSS.
- **Frontend:** React.js, RESTful API Integration, Component-Based Architecture, Responsive Design, UI/UX Principles, Tailwind CSS, Bootstrap.
  - **Modern Web Development Concepts:** Experience with core principles of server-side rendering (SSR), static site generation (SSG), and API routing, providing a strong foundation for frameworks like Next.js.
- **Backend:** Node.js (Express.js), Django, RESTful API Development, User Authentication (JWT, Session-based), Database ORMs (Sequelize, Django ORM)
- **Databases:** MySQL, MongoDB
- **Version Control:** Git, GitHub
- **Tools & Environment:** VS Code, PyCharm, npm
- **Design Tools:** Figma, Sketch

Project Experience

1. **E-commerce Platform:**

- **Technologies:** React.js, Django, Django REST Framework, MySQL, Git
- **Description:** Developed a comprehensive E-commerce application from scratch, managing both front-end user interfaces and back-end logic.
- **Contributions:**
  - **Frontend:** Designed and implemented responsive user interfaces using React.js, translating UI/UX wireframes from Figma/Sketch into interactive components. Engineered robust data fetching and state management layers for seamless user

experience by integrating custom RESTful APIs, demonstrating client-server interaction patterns.
- o **Backend:** Developed high-performance RESTful APIs using Django and Django REST Framework for user authentication, product management and order processing. Designed and managed intricate database schemas and relationships in MySQL, optimizing queries to improve data retrieval speed by 95%.
- o **Database:** Implemented efficient data models in MySQL, ensuring data integrity and optimizing query performance for high-volume operations.
- o **Collaboration:** Collaborated effectively with 4 teammates using Git/GitHub for version control, participating in code reviews and daily stand-ups to ensure project alignment and timely delivery within an agile workflow.

2. **Blog Application:**

- **Technologies:** React.js, Node.js (Express.js), MySQL, Git
- **Description:** Built a Blog Application to facilitate content publishing].
- **Contributions:**
  - o **Frontend:** Developed a dynamic single-page application (SPA) using React.js, focusing on intuitive navigation and user experience. Implemented efficient client-side routing and optimized data fetching mechanisms from custom backend APIs for smooth page transitions and rapid content loading.
  - o **Backend:** Constructed a robust RESTful API backend with Node.js and Express.js to handle CRUD operations for posts and user authentication Integrated with MySQL for persistent data storage.
  - o **Key Achievement:** Successfully implemented secure user authentication flows, including password hashing and JWT token management, ensuring robust user security.

Core Competencies

- **Full Stack Development:** Ability to build and integrate robust front-end and back-end solutions.
- **Problem-Solving & Debugging:** Proficient in diagnosing and resolving complex issues across the application stack.
- **Rapid Learning & Adaptability:** Quick to master new frameworks and technologies, eager to expand expertise into advanced React frameworks like Next.js.
- **Team Collaboration:** Experience working effectively in diverse team settings, contributing to shared goals and codebases.
- **Effective Communication:** Clear and concise communication of technical concepts to both technical and non-technical stakeholders.
- **Time Management & Self-Motivation:** Highly organized and capable of managing tasks independently to meet deadlines in a remote environment.

Languages

- **English**