PRECIOUS MBAEKWE

Lagos, 100001

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PROFESSIONAL SUMMARY

Results-oriented Full-Stack Developer with a proven track record of driving innovative solutions and elevating web performance. Expertise in designing and developing responsive web interfaces using React, HTML, CSS, and JavaScript. Adept at bugs through comprehensive defect analysis and participating in code reviews. Implemented advanced frontend optimization techniques, resulting in improved website loading speed and enhanced user experience. Proficient in engineering robust backend systems using Python, optimizing SQL queries to reduce database costs. Demonstrated leadership in backend security measures, ensuring compliance with industry standards. Excels in facilitating seamless communication between frontend and backend through the integration and optimization of RESTful APIs.

AREA OF EXPERTISE

Full-Stack Development | Defect Analysis and Resolution | Frontend Optimization | Backend Systems Engineering | API Integration and Optimization | Security Measures Implementation | Database Optimization | Coding Standards and Quality Assurance | Data-Driven Decision-Making | Problem-Solving, Effective Communication | Self-Motivated | Teamwork | Adaptability

TECHNICAL SKILLS

- **Frontend Development**: React, HTML/CSS, Javascript, Typescript.
- **Backend Development**: Python, Django, Flask, RestApi.
- **Database Management**: Postgresql, SQL.
- **Version Control**: Git.
- **Web Development**: Web Performance Optimization, API Integration, Testing and Debugging.

CAREER HISTORY

Full-Stack Developer   **Apr 2022 – Dec 2023**
Unilever Nigeria PLC, Lagos, NG

- Spearheaded the design and development of responsive web interfaces, employing React, HTML, CSS, and JavaScript for frontend components.
- Developed and maintained robust web applications, ensuring optimal functionality and user experience.
- Conducted comprehensive defect analysis, successfully resolving over 100 bugs in both backend and frontend development, while actively participating in code review sessions.
- Applied advanced frontend optimization techniques, such as lazy loading and code splitting, resulting in a notable boost in website loading speed and a substantial improvement in overall user experience.
- Engineered robust backend systems using Python, ensuring efficient data processing, server-side logic, and seamless database interactions for optimal performance.
- Integrated and optimized RESTful APIs to facilitate seamless communication between frontend and backend, thereby enhancing web application performance and responsiveness.
- Implemented and maintained stringent backend security measures, encompassing authentication and authorization processes, to safeguard user data and ensure compliance with industry standards.
- Enhanced website responsiveness by optimizing SQL queries, leading to a 10% reduction in database costs.
- Pioneered the establishment and meticulous maintenance of coding standards across both frontend and backend codebases, elevating overall code quality and minimizing bugs and errors.
- Implemented automated testing strategies for both frontend and backend components, ensuring the reliability and stability of the entire application.
- Introduced tracking mechanisms in both frontend and backend, enabling the acquisition of valuable insights into user behavior for data-driven decision-making, significantly improving marketing strategies.
- Collaborated with cross-functional teams to gather and analyze project requirements, ensuring alignment with business objectives.
- Implemented responsive design principles to enhance the accessibility of web applications across various devices.
- Implemented security measures to safeguard web applications against potential threats and vulnerabilities.
- Provided technical support and guidance to team members, fostering a collaborative and innovative work environment.

EDUCATION AND CERTIFICATION

Bachelor of Science (B.S.) - Computer Science – Abia State University, Okigwe   Jan. 2016 – Jul.2021