Michael Adeniyi

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Professional Summary

Software Engineer who is insightful, results-driven, and skilled with various programming tools. Possess a broad understanding of coding and programming languages and the skills to quickly learn and master new technology with a high desire to grow into leadership and knowledge in developing his software engineering skills. Also, possess soft solid skills, attention to detail, problem-solving, and communication skills.

Education | Skills

M.S - Software Engineering, Minor – Cybersecurity
The University of Maryland, College Park.
BSc - Computer science
Babcock University, Ilishan-Remo.
Languages: Java, C, C++, JavaScript, Python, PHP **Web Technologies:** AngularJS, NodeJS, HTML, CSS
Databases: Oracle SQL, MySQL Tools, and **Frameworks:** Wireshark, Scrum, Flutter, Git, SQL Workbench, Unit Testing (JUnit, Web Selenium) **Networking:** LAN/WAN operations, DNS/VPN/DHCP.
Power BI (Microsoft Power BI Desktop, Power BI Service), Postman, Corel Draw

Professional Experience

ITECH Data Consult
Software Engineering – Software Developer   *January 2021 - Present*

- Led the design and development of user-friendly web applications, resulting in a 30% boost in user engagement and positive feedback.
- Collaborated across cross-functional teams to swiftly identify and resolve critical software defects, reducing system crashes by 25% and enhancing stability.
- Streamlined testing processes with automated procedures, ensuring the delivery of high-quality, bug-free software and a 40% reduction in testing time.
- Integrated modern technologies into existing systems, contributing to a 15% improvement in performance and alignment with industry best practices.
- Ensured optimal functionality and user satisfaction by maintaining and updating software systems in line with emerging technologies.
- Contributed to the design of intuitive mobile applications, leveraging basic familiarity with Flutter and React Native, while working alongside more experienced team members.
- Developed cross-platform apps using a foundational understanding of Flutter and React Native, contributing to broader user reach and application efficiency.
- Orchestrated app hosting and deployment using cloud platforms, ensuring high availability and scalability.
- Enhanced app security, reducing vulnerabilities by 20%, and conducted regular audits to proactively fortify security measures.
- Collaborated effectively in DevOps efforts, reducing release cycles by 30% through CI/CD implementation.

JK Consulting Co. Ltd
Software Engineering – Software Developer   *November 2017 – January 2019*

- Developed highly scalable and responsive web applications using AngularJS frameworks, C#, Web API, TypeScript, JavaScript, CSS, and HTML, contributing to a 20% increase in application performance.
- Collaborated with cross-functional teams of developers to build sophisticated, visually immersive tools, resulting in a 30% improvement in user engagement.
- Implemented front-end, business logic, and data access layers for full-stack web development, reducing development time by 15%.
- Ensured adherence to OOP concepts, design patterns, and coding best practices, resulting in a 25% decrease in code defects.
- Maintained and enhanced legacy code, including bug fixes and performance improvements, resulting in a 20% reduction in system crashes.
- Integrated external libraries and APIs into existing projects to extend functionality, improving overall application efficiency by 15%.
- Occasionally explained technical concepts to non-technical stakeholders, facilitating effective communication and ensuring alignment with project requirements.

First Wave Networks - Abuja, Nigeria
Software Engineer/Network Technician   *October 2015 - November 2017*

- Proficiently managed network systems, ensuring uninterrupted internet connectivity and optimizing performance.
- Conducted proactive troubleshooting and configuration of routers, minimizing network downtime and enhancing user experience.
- Developed two web and mobile applications in alignment with business requirements, showcasing my software development skills.
- Built and maintained APIs for service architecture, supporting multiple endpoints and facilitating seamless functionality.
- Expertly developed back-end systems using C#, Web API, .NET Frameworks (including .NET Core), and T-SQL (SQL Server).
- Implemented modern front-end systems, leveraging technologies like Bootstrap, jQuery, ReactJS, and Typescript.
- Performed maintenance and enhancements on a front-end ASP.NET application, using JavaScript and MVC frameworks.
- Demonstrated versatility across both network management and software development domains, showcasing a comprehensive skill set.

Personal Projects
Project Title: Knowledge Grab
Knowledge Grab is a comprehensive web-based learning management software system designed to facilitate the pursuit of interests in software engineering and computer science. **The technology used:** Angular Js, Bootstrap for Front-end/UI, Node Js for Backend, MySQL for Database Management.

- Led the database management efforts, ensuring efficient creation and management of backend data.
- Contributed to UI/UX design, creating a visually appealing and user-friendly application.

- Designed a captivating logo that represented the brand identity of the Knowledge Grab platform.
- Developed primary personas and a Special User Scenario prototype, enhancing user understanding.
- Created an informative ERD diagram, providing a comprehensive view of the application's information structure.
- Assisted in writing component descriptions, defining interfaces and operations, and documenting architecture decisions.
- Implemented Angular to develop five front-end pages: Home, Login, Signup, Instructor Landing, and Student.
- Established seamless communication between front-end and back-end systems using HTTP requests.
- Utilized Git for version control, ensuring smooth collaboration and code management.
- Actively participated in team presentations and effectively managed task reminders for timely completion.

Link to my GitHub Project and other projects work on related to data science, unit testing, etc

git@github.com:mickey4653/Knowledge-Grab.git

Your Repositories (github.com)