**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](about:blank)

[Your Repositories (github.com)](https://github.com/mickey4653?tab=repositories)