Iloenyenwa Victor

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# SKILLS

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| • Languages: HTML, CSS, JavaScript (ES6), TypeScript, Python• Frameworks & Libraries: React, React Native, Redux, Next.js, Node.js, Express.js, GraphQL, SASS, Tailwind CSS  • Databases: MongoDB, PostgreSQL, Firebase, Redis | • Tools: Git, Docker, Kubernetes, Postman  • Platforms: AWS, Netlify, Heroku, Vercel  • Operating Systems: Windows, Linux |

# PROFESSIONAL EXPERIENCE

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| **Gedenklink**, Full-stack & Mobile Developer, June 2024 - August 2024 | **Netherlands, Remote** |

* Spearheaded the development of a cross-platform mobile app for the Gedenklink platform using React Native, enabling users to register and manage profiles of deceased individuals on the go.
* Engineered a robust backend architecture to efficiently manage and securely store sensitive user data, integrating cloud-based solutions for scalability and reliability.
* Implemented a comprehensive user engagement and access control system, integrating features such as comment sections on deceased profiles and a code-based profile editing mechanism, while ensuring only licensed users could create and manage profiles, bolstering both personalization and platform security.
* Developed a comprehensive admin portal, empowering administrators with real-time oversight and operational control of platform activities, significantly improving management workflows.
* Collaborated closely with cross-functional teams to deliver highly scalable, performance-optimized solutions, resulting in a 20% improvement in system efficiency and user experience.

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| **VTBill**, Backend & Mobile Developer, January 2024 - April 2024 | **Nigeria, Remote** |

* Contributed to the design and development of VTbill, a mobile-first solution for VTU services, integrating airtime, data, and mobile commodity transactions.
* Optimized backend services for mobile app performance, reducing load times and ensuring seamless interactions, enhancing customer satisfaction and engagement.
* Built the backend architecture for VTbill's mobile platform using Node.js and integrated secure payment gateways and APIs for fast, reliable transactions.
* Designed and integrated modular API solutions, facilitating smooth third-party service integration while safeguarding data integrity and enhancing secure communication protocols across external platforms.
* Debugged and resolved complex backend issues, reducing downtime and enhancing system uptime, contributing to a smoother customer experience and greater operational resilience.

# EDUCATION

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| **Federal University of Technology Owerri,** | **Imo, Nigeria** |

Bachelor of Technology in Computer Science

# PROJECTS

* **VTBill: A**  cross-platform mobile app offering VTU services like airtime, data purchase, and bill payment. Developed using React Native, with a Node.js backend and Firebase for real-time data ssyncing.

[Link to Project](https://play.google.com/store/apps/details?id=com.agacy.vtbill" \o "https://play.google.com/store/apps/details?id=com.agacy.vtbill)

* **Academify:** Led backend development in creating a scalable academic management platform to streamline administrative processes and enhance communication among students, lecturers, and parents. Engineered a secure user authentication system with role-based access control, ensuring data protection and access differentiation. Developed a robust backend architecture to power personalized dashboards for various user roles, facilitating efficient data retrieval and user interactions. Architected backend logic for course management, enabling lecturers to create, update, and manage courses, syllabi, and assignments. Integrated a comprehensive grading system for tracking and recording student performance. Designed APIs for direct messaging, announcements, and academic calendar integration, allowing seamless communication and tracking of important dates. Built a dedicated parent portal to access academic progress, attendance, and engagement data.

[Link to project](https://myacademify.vercel.app)

* **Gedenklink**: Developed a digital memorial platform that allows users to create profiles for their deceased loved ones, incorporating multimedia uploads (photos, videos, biographies) and an interactive comment section for engagement. Designed and implemented a secure backend to handle user data and ensure data integrity, integrating advanced access control to restrict profile creation to licensed users. Engineered a comprehensive admin application for managing the platform’s operations, significantly enhancing user experience and administrative oversight.

[Link to project](https://gedenklink.com/)