JEFF JOSEPH NDEGWA

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EDUCATION

- BS Information Science: MOI University
  (Sep 2019 – Till Date)

- [SERN Stack Software Engineering Programme](#)
  (Jan 2024 – Mar 2024) – Full Stack Specialization

SKILLS

- **Database:** MSSQL
- **Languages:** JavaScript
- **Frameworks:** Express (Node.js), React.js
- **Tooling:** Git/GitHub, Azure

PROJECTS

HIPHONIC MEDIA – Founder and lead Developer   January 2024

Orchestrated the creation of a sophisticated social media platform using React for the frontend, Express.js for the backend, and Microsoft SQL for database management. Implemented core features such as posting, liking, video sharing, and group interactions, aligning with standard social media functionalities. Showcased innovation and user-friendly design, ensuring an intuitive and engaging social experience. Key Technologies Used; Frontend: React, Backend: Express.js, Database Management: Microsoft SQL. [Link to project](#)

Virtual Queuing System – Lead Developer   February 2024

Pioneered the development of a groundbreaking Virtual Queuing System utilizing React.js, Express.js, and Microsoft SQL.

• Addressing Pain Points: Recognizing the need to alleviate the inconvenience of physical waiting in lines, the system offers a transformative solution for various industries.

• Personal Touch: Inspired by a real-life scenario, crafted an intuitive and efficient system to specifically ease my grandmother's anxiety about the bank being closed every time she visits.

• Data Excellence: Engineered seamless integration with Microsoft SQL, ensuring robust and scalable data management for a reliable user experience.

Key Technologies Used: Frontend: React, Backend: Express.js, Database Management: Microsoft SQL

Achievements and Impact • Addressing Real-World Concerns: Developed a system with a dual purpose – alleviating physical waiting in lines and providing peace of mind for individuals like my grandmother who worry about timely access to services. [Link to project](#)

Attendance and Payroll System   March 2024

I developed an innovative attendance and payroll system, I implemented robust features ensuring accurate time tracking, efficient payroll processing, and seamless integration with existing HR modules. This project showcased my expertise in software development, database management, and system integration. My commitment to precision and efficiency led to a significant reduction in payroll errors and enhanced overall workforce management. I collaborated closely with cross-functional teams, understanding their unique needs and customizing the system to align with organizational requirements. Through this endeavor, I not only demonstrated my technical proficiency but also honed my project management and communication skills, contributing to the successful implementation and continuous improvement of the system. This achievement stands as a testament to my ability to deliver practical and impactful solutions that streamline business operations. [Link to project](#)

EXPERIENCE

Software Developer Trainee – [Teach2Give](#), Nyeri Kenya   January 2024 – Present

Actively engaged in a dynamic 3-month hybrid boot camp, I immersed myself in an intensive exploration of web technologies, specifically focusing on React.js, Express (Node.js), and MSSQL. My skill development journey involves a continuous expansion of my expertise in modern web development, with hands-on experience across various technologies. Currently dedicated to pursuing certifications in the SERN stack, I am committed to continuous learning and professional growth. Applying the knowledge gained, I actively contribute to real-world projects, refining my problem-solving abilities and ensuring practical application of acquired skills. Thriving in a collaborative environment, I actively participate in teamwork and collective projects, fostering a supportive learning atmosphere and gaining valuable insights from peers. This multifaceted approach underscores my commitment to staying at the forefront of the ever-evolving field of web development.

Strategic Business Leader with Expertise in Employee Management, Customer Satisfaction, and Sales-driven Software Solutions.

As a seasoned business professional and owner of two successful enterprises, I possess a profound understanding of the critical role played by reliable employees in achieving organizational excellence. My experience as an employer has afforded me valuable insights into the importance of fostering a positive work environment, ensuring productivity, and cultivating a team that is instrumental in achieving business objectives. Recognizing the paramount significance of customer satisfaction for the sustainability and growth of future ventures, I have consistently prioritized customer-centric strategies in my business operations. Additionally, I bring to the table a strong aptitude for sales, leveraging my skills to effectively market and sell software solutions. With a proven track record as a persuasive and results-driven salesperson, I am adept at identifying opportunities, building client relationships, and driving revenue growth. My multifaceted background uniquely positions me as a dynamic professional capable of combining business acumen, leadership, and sales expertise to contribute significantly to any business endeavor.

LEADERSHIP AND COMMUNITY INVOLVEMENT

Spearheaded the organization of a stadium-based team-building event during my tenure at Teach2Give, ensuring meticulous planning and availability of essential resources as the host.

Certification Licenses

- [MEAN STACK Certification.](#)   -   [JAVASCRIPT Certification.](#)
- [MERN STACK Certification.](#)
- [FULL STACK Development.](#)