

Oyetunji Atilade



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PROFILE

I am a highly motivated and results-driven Tech savvy with a strong technical background. I thrive in dynamic environments and excel both as a Backend Engineer, Frontend support and in ICT roles due to my strong technical background. My expertise spans web development, IT Support, Backend Development, testing, and documentation of APIs and web applications. I am proficient in JavaScript, NodeJS, ExpressJS, Typescript, Laravel, MongoDB, and other relevant technologies. With a solid understanding of data structures and algorithms, I am adept at optimizing software performance and crafting scalable and maintainable solutions. I am well-versed in Object-Oriented Programming (OOP) and possess exceptional organizational, communication, and analytical skills. Moreover, I am comfortable working with Agile Methodologies, ensuring efficient project execution.

WORK EXPERIENCE

Backend Engineer

[Contract]

MenufinderAfrica

- I design and develop backend services using Laravel, ensuring they are scalable, efficient, and secure.
- Designed and optimized a cutting-edge service utilizing Google Distance Matrix API for precise distance calculations between users and restaurants.
- Implemented robust algorithms to determine restaurant proximity, ensuring efficient delivery services for users within specified ranges and contributing to increased customer satisfaction and retention.
- Led the development of features enhancing user experience by providing real-time, accurate information on restaurant availability and delivery feasibility, positively impacting overall platform efficiency.
- Collaborated with cross-functional teams to integrate the distance matrix functionality seamlessly into the MenufinderAfrica platform, playing a key role in creating a user-friendly experience.
- I create RESTful APIs to facilitate communication between various components of our applications.
- I manage databases and optimize queries to enhance system performance.
- I continuously monitor and optimize the performance of our backend systems to provide a seamless user experience.
- I conduct thorough testing and debugging of backend code to identify and resolve issues.
- I design and implement complex software enhancements proficiently with a high level of quality and attained high efficiency of software operation
- I analyze software usability, performance and scalability, and pioneered changes to improve functionality
- I identify areas for modification in existing programs and subsequently spearheaded these modifications leading to release of another version of application.

Backend Engineer / Acting CTO

[07/2023– 11/2023]

Varse Technologies

Country: Nigeria

In my role as a Backend Node.js Developer at Varse, I am responsible for designing, developing, and maintaining the backend systems that power our applications. My responsibilities include:

- Backend Development: I design and develop backend services using Node.js, ensuring they are scalable, efficient, and secure.
- API Development: I create RESTful APIs to facilitate communication between various components of our applications.
- Database Management: I manage databases (e.g., MySQL, MongoDB) and optimize queries to enhance system performance.
- Performance Optimization: I continuously monitor and optimize the performance of our backend systems to provide a seamless user experience.
- Testing and Debugging: I conduct thorough testing and debugging of backend code to identify and resolve issues.
- Collaboration: I collaborate closely with front-end developers, UX/UI designers, and other cross-functional teams to deliver integrated solutions.
- Code Reviews: I participate in code reviews to maintain code quality and ensure best practices are followed.
- Technology Stack Evaluation: I research and recommend tools, frameworks, and libraries to enhance our backend development process.

In my role as an acting CTO at Varse, I provide strategic leadership and oversight for the company's technology initiatives, including the development and execution of our technology roadmap. My responsibilities in this role include:

- Technology Leadership: I provide visionary leadership and guidance to the technology team, ensuring alignment with the company's overall objectives.
- Strategic Planning: I am responsible for formulating and executing the company's technology strategy, identifying opportunities for innovation, and driving technological advancements.
- Product Development: I oversee the development of cutting-edge products and services, working closely with cross-functional teams to deliver solutions that meet customer needs and drive business growth.
- Team Management: I manage a diverse team of technology professionals, fostering a collaborative and innovative work environment. This includes recruitment, mentorship, and performance management.
- Budgeting and Resource Allocation: I manage the technology budget, ensuring optimal resource allocation for projects, infrastructure, and research and development initiatives.
- Innovation and Research: I drive a culture of innovation within the organization, encouraging research and development efforts to explore emerging technologies and their potential applications.
- Technical Roadmap: I define and communicate the technical roadmap, ensuring that technology investments align with the company's long-term goals.
- Stakeholder Engagement: I collaborate with executive leadership, board members, and other stakeholders to communicate technology-related matters and gather input for strategic decision-making.

- Risk Management: I identify and mitigate technology-related risks, ensuring business continuity and compliance with regulatory requirements.
- Continuous Improvement: I implement processes and best practices to continuously improve the efficiency, quality, and effectiveness of our technology operations.
- Project Management: I oversee key technology projects, ensuring they are delivered on time, within scope, and on budget.
- Communication: I communicate technology updates and achievements to both internal and external stakeholders, fostering transparency and trust.
- Advisory Role: I serve as a technology advisor to the executive team, providing insights and recommendations on technology trends and their impact on the business.

Backend Engineer

[02/02/2020– 21/07/2023]

The Digital Agency Ltd

City: Abuja

Country: Nigeria

- I designed and programmed custom REST APIs built on NodeJS thereby translating client's specific needs to software solutions
- I implemented load-balancing with Nginx to allow Node JS instances to handle large concurrent users as well as managing hosting environment.
- I developed responsive database for storing, manipulating, and accessing data, and achieved 45% increase in overall operations.
- I designed and completed complex software enhancements proficiently with a high level of quality and attained high efficiency of software operation
- I analyzed software usability, performance and scalability, and pioneered changes to improve functionality
- I identified areas for modification in existing programs and subsequently spearheaded these modifications leading to release of another version of application.
- Coordinated with four engineering and product teams to identify customer requirements for the high-volume progressive web application, creating FRD and tech documents that streamlined all activities.
- Collaborated with designers to create clean interfaces and simple interactive websites and launched 5 bug-free releases that have been deployed within all set deadlines and targets.
- Optimized all legacy data storages and search queries for the high-volume application utilizing MongoDB aggregation, resulting in the minimization of the average response time by 66%
- I created overall architecture of software applications

Backend Engineer

[02/ 2023 – 05/ 2023(Contract)]

Getly.App

City: Abuja

Country: Nigeria

- Developed and maintained the backend architecture for a virtual card management system, enabling users to create, manage, and transact with virtual cards securely and efficiently.
- Implemented functionality to issue virtual cards, terminate card accounts, and perform various transactions on the cards, such as funding card wallets and tracking transaction history.

- Collaborated closely with cross-functional teams, including frontend developers, product managers, and quality assurance engineers, to ensure seamless integration and optimal user experience.
- Designed and optimized APIs for seamless integration with external payment gateways, enabling seamless processing of online transactions and ensuring adherence to industry security standards.
- Actively participated in code reviews, identifying and resolving bugs, enhancing system performance, and maintaining high code quality standards.
- Utilized industry best practices, including secure coding practices and efficient database design, to ensure data integrity and protection against potential security threats.
- Conducted thorough testing and debugging of backend components, resulting in a significant reduction in system failures and improved overall stability.

Backend Engineer

[21/07/2022 – 31/10/2022]

SCIDaR - Solina Centre for International Development and Research

scidar.org

Address: 8 Libreville Cres, Wuse 904101, Abuja, Federal Capital Territory **City:** Abuja

Country: Nigeria

Business or sector: Human health and social work activities

- Developed of a responsive Database for storing, manipulating, and accessing user's data across the states
- Developed a Data Management System that allows for data entry and document upload with features such as Data analysis and visualization, data archival and interoperability with ODK and DHIS2 for the RI (Routine Immunization) project.
- Built APIs for the transfer of user data to-and-from the database.
- Quality Assurance Testing
- Implemented and monitored security measures for the protection of system information and user data at various layers of the software
- Developed data validation function to flag data errors in documents
- Managed hosting environments during development phase

Software developer

[10/08/2017 – 29/01/2020]

Freelance

City: Abuja

Country: Nigeria

- Developed and maintained multiple WordPress websites for clients, ensuring timely delivery and high-quality standards.
- Customized WordPress themes and plugins to meet clients' unique requirements, improving functionality and user experience.
- Implemented responsive design techniques to optimize websites for mobile devices, enhancing accessibility and user engagement.
- Conducted thorough testing and debugging to identify and resolve issues, ensuring seamless website performance across different browsers and platforms.
- Provided training and support to clients on managing their WordPress sites, empowering them to update content and perform basic maintenance tasks independently.
- Developed custom WordPress themes and integrated third-party plugins to meet clients' specific needs, delivering tailored and visually appealing websites.
- Implemented e-commerce functionality using WordPress and popular plugins like WooCommerce, enabling clients to sell products online.

- Conducted website audits and implemented performance optimizations, resulting in faster page load times and improved user experience.
- Provided ongoing maintenance and support for WordPress websites, including regular updates, backups, and security enhancements.
- Configured and computed cloud environment for proper deployment of web applications.
- Designed and coded custom REST APIs built on NodeJS ExpressJS framework.
- Proficiently investigated simple and complex technological issues for different projects and clients achieving over 95% customer satisfaction rate
- Completed a wide range of software development and programming tasks on contract basis
- Provided prompt solutions and proactive troubleshooting support to swiftly resolve subtle and complex issues

EDUCATION AND TRAINING

Bachelor of Engineering (Electrical Electronics Engineering):

Second Class (Honors) Upper Division

University of Abuja <https://www.uniabuja.edu.ng/>

Address: Mohammed Maccido Road, Airport Rd, Abuja, FCT, Nigeria

Certificate of Proficiency (Backend Engineer)

Techspecialist Academy <https://techspecialistlimited.com/>

Address: Goldlink House, 2 Harare Steet, Off Rabat Street, Zone 6, 2 Harare St, Wuse, Abuja, 902101, FCT, Nigeria.

LANGUAGE SKILLS

Mother tongue(s): English

DIGITAL SKILLS

Google suite -
Gmail, Google Drive, Google Slide, Google Docs, Google Sheets, Google Forms, Google- |
Microsoft office suite.

Technical Skills

Programming Languages: JavaScript, PHP, Node.js, TypeScript

Web Frameworks: Express.js, WordPress, Laravel

Databases: MongoDB, MySQL

Cloud Services: Amazon EC2, Amazon S3, Redis

Version Control: Git, GitHub, GitHub Actions(CI/CD)

Soft Skills

Time Management

Technical Support

Resourcefulness

Remote Support

Problem-Solving

Communication

Adaptability

Team Collaboration