

DONKOR PIUS Ghana (Remote-First, UTC Timezone) | +233 241 834 800 |
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PROFESSIONAL SUMMARY

Senior Full-Stack Engineer with over 5 years of experience architecting and deploying scalable web applications. Expert in the **MERN stack (MongoDB, Express, React, Node.js)** and **TypeScript**, with a proven track record of leading development teams, conducting code reviews, and driving architectural decisions. extensive experience in **database design, systems integration, and DevOps (AWS, Docker)**. Adept at translating business requirements into reliable, reusable software solutions and mentoring junior engineers in a fast-paced, agile environment.

TECHNICAL SKILLS

- **Languages:** TypeScript (Advanced), JavaScript (ES6+), SQL, HTML5, CSS3.
- **Front-End:** React.js, Next.js, Redux, Tailwind CSS, Responsive Design.
- **Back-End:** Node.js, Express.js, GraphQL, RESTful APIs, Microservices.
- **Database:** MongoDB (Aggregations), PostgreSQL (Supabase), Redis (Caching).
- **DevOps & Tools:** AWS (EC2, S3, Lambda), Docker, GitHub Actions, Git, CI/CD, Command Line.

PROFESSIONAL EXPERIENCE

CRAFTVERSE TECHNOLOGY | Remote **Lead Full-Stack Engineer** | 2021 – Present

- **Architectural Leadership:** Lead a team of developers in designing and building modular, multi-tenant applications using **Node.js** and **TypeScript**, ensuring long-term scalability and maintainability.
- **Mentorship & Code Quality:** Mentor team members through regular code reviews, enforcing security standards, clean coding practices, and refactoring techniques to optimize performance.
- **Production Support & DevOps:** Coordinate with cross-functional teams to troubleshoot production issues; manage cloud infrastructure on **AWS**, utilizing CI/CD pipelines for streamlined deployments.
- **Strategic Collaboration:** Partner with product architects to translate detailed design specifications into high-quality software, ensuring alignment with business goals and design intent.

NETVERSE DESIGNS | Ghana **Lead Developer** | 2025 – 2026

- **Full-Cycle Development:** Independently managed the entire software development lifecycle (SDLC) for a digital agency platform, taking the project from initial "whiteboard" concepts to a fully deployed production environment.

- **Infrastructure Management:** Configured and maintained domain hosting, middleware, and server environments, ensuring high availability and performance.

KEY TECHNICAL PROJECTS

JANITIME | HR & Payroll Management System | 2025 – 2026

- **Systems Integration:** Engineered a complex multi-tenant HR platform integrating the **Gusto API** to automate payroll processing. Successfully handled data mapping between third-party services and internal databases.
- **Database Design:** Designed a robust **MongoDB** schema to manage organizational structures, employee records, and payroll history, ensuring data integrity and security.
- **Business Logic:** Built customized solutions for leave management and employee onboarding, directly supporting key business operational requirements.

THE WILD OASIS | Internal Hotel Management System | 2023

- **Application Architecture:** Developed a comprehensive internal admin dashboard using **React** and the Compound Component Pattern, creating a library of reusable and reliable UI components.
- **Data Quality & Migration:** Managed complex data migrations and real-time synchronization using **Supabase (PostgreSQL)**, ensuring accurate tracking of bookings and inventory.
- **Performance Optimization:** Implemented advanced caching strategies with **React Query** to reduce server load and improve application response times for internal staff.

ACCOMMODATION LINK | AI-Driven Marketplace | 2023

- **Complex Implementation:** Built a real-time negotiation interface using **Node.js** and **Redis** for state management, handling high-concurrency user interactions with optimistic UI updates.
- **Analytical Solutions:** Integrated machine-learning algorithms to provide dynamic pricing recommendations, aiding users in making data-driven financial decisions.

EDUCATION

University of Energy and Natural Resources, Ghana **Bachelor of Computer Science – Software Engineering**

- **Relevant Coursework:** Advanced Software Engineering, Database Management Systems, Artificial Intelligence, Human-Computer Interaction.