

# Nnajofo Ralueke Miracle

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## EDUCATION

### Babcock University

Bachelor of Science (Hons) in Software Engineering

ILISHAN-REMO, Nigeria

Jan. 2022 – July 2025

## EXPERIENCE

### Backend Developer (Freelance)

January 2024 – Present

Remote

Nigeria

- Built full-stack web applications using Node.js, Express, MongoDB and React.js, Implementing RESTFUL APIS, secure authentication and scalable backend architectures.
- Designed and Developed responsive frontends with Vue.js, React.js and Tailwind CSS, Integrating dynamic UI components with backend services for seamless user interaction.
- Handled deployments and server configurations on Vercel, Render, GoDaddy, optimizing performance, environment setups and production readiness.
- Collaborated with teams to deliver maintainable, high-quality solutions on schedule, focusing on clean code, modular design, and efficient workflows.

## PROJECTS

### Freelance API | Node.js, Express.js, MongoDB, mongoose, Passport.js, OAuth, Stripe, Socket.io, Docker, Jest

2025

- Developed a secure, full-fetaured RESTful API powering a freelance platform with support for users, Jobs, proposals, contracts, invoices, disputes, reviews & more.
- Implemented multi-strategy authentication using Passport.js with JWT sessions and OAuth integrations for GitHub and Google.
- Built real-time chat and notifications via socket.io, supporting message attachments and file uploads.
- Integrated Stripe payment processing with automated invoice generation and webhook handling for external Integrations.
- Designed scalable MongoDB schemas with mongoose for efficient querying, indexing and Data Consistency
- Created Admin and debug routes for system monitoring, troubleshooting and platform management
- Applied Comprehensive error handling middleware to standardize API responses and improve maintainability .
- Achieved high test Coverage using Jest& Supertest, ensuring robust and reliable API behavior.
- Containerized the application using Docker & Docker Compose for consistent development and deployment enviroments.

### Artisan E-commerce Platform with KPI | Node.js, React.js, MongoDB, Recharts, TailwindCSS

2025

- Developed a fullstack e-commerce platform connecting artisans with employers and customers through personalized profiles, Job matching and real-time KPI tracking.
- Designed a NO SQL schema using MongoDB to efficiently handle various data types including artisan profiles, job posts, feedback and employer-customer interactions
- Implemented JWT based authentication and bcrypt password hashing to ensure secure access across different user roles (artisan, employer, customer, admin).
- Created Dashboards with React and TailwindCSS for dynamic, responsive interfaces that allow users to manage jobs, communicate and track performance.
- Built a KPI driven admin dashboard using recharts displaying metrics like Job success rates (85%), most in-demand skills, and artisan performance , driving platform optimization.
- Used K6 to perform load testing, validating system stability under high concurrency with 100 virtual users and 3,000 requests in under 3.3 minutes.

## TECHNICAL SKILLS

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**Languages:** PHP, SQL, JavaScript, HTML/CSS

**Frameworks & Libraries:** Tailwind CSS, Node.js, Express.js, React.js, Vue.js

**Databases:** MySQL, PostgreSQL, MongoDB, Redis

**Developer Tools:** Git, GitHub, Composer, Docker, Postman, VS Code, PHPStorm

**Technologies:** RESTful API design & development, ORM/ODM with Sequelize & Mongoose, Secure API Authentication (JWT, OAuth 2.0, Passport.js), Automated Testing with Jest & Mocha, Asynchronous & Distributed Task processing with BullMQ & RabbitMQ.

**Cloud & DevOps:** Apache, Linux (Basic), AWS (Basic), CI/CD Pipelines