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Nigeria | Open to Remote

PROFESSIONAL SUMMARY

Backend Developer with hands-on experience designing and building RESTful APIs using Node.js, Express.js, PostgreSQL, MongoDB, Prisma ORM, and developer tools. Skilled in JWT authentication, relational database design, and API development. Strong analytical and problem-solving abilities.

Multi-Vendor E-commerce REST API

Technologies: JavaScript, Node.js, Express.js, PostgreSQL, Prisma ORM, JWT, Jest, Supertest, Docker, Railway, Swagger, Postman

- Designed and developed a modular RESTful API for a multi-vendor e-commerce platform, implementing vendor onboarding, product catalog management, shopping cart operations, and order processing.
- Implemented JWT authentication with access and refresh token rotation, refresh-token reuse detection, and role-based and ownership-based access control for customers, vendors, and administrators.
- Designed a relational database schema using PostgreSQL and Prisma ORM to manage users, stores, products, categories, carts, orders, and inventory, incorporating compound unique constraints and relational integrity.
- Implemented transactional order-processing workflows to maintain data consistency and support reliable e-commerce operations.
- Developed automated integration tests using Jest and Supertest, achieving 63 passing tests across 8 test suites covering authentication, authorization, and transactional order workflows; identified and resolved a token-rotation defect during development.
- Containerized the application with Docker and deployed the API to Railway for hosted access and deployment testing.
- Documented API endpoints using Swagger/OpenAPI to support API exploration and integration testing.

FormSlug - Multi-Tenant Form Submission API (In Progress)

Technologies: JavaScript, Node.js, Express.js, PostgreSQL, Prisma ORM, JWT, REST APIs, Webhooks, Resend, Swagger/OpenAPI

- Designed and developed a multi-tenant, Formspree-style backend API that enables developers to collect form submissions from frontend-only websites without maintaining a dedicated backend server.
- Designed tenant-isolated data access and API key management to separate project ownership from public form submission endpoints.
- Engineered webhook delivery workflows using the Transactional Outbox Pattern to persist submissions and delivery records atomically, supporting reliable asynchronous processing and retry recovery.
- Implemented security and abuse-prevention measures, including rate limiting, API key protection, input validation, and prototype pollution defenses.
- Optimized database access through targeted indexing, batched webhook endpoint retrieval, and short-lived form-slug caching to reduce unnecessary database queries.
- Documented API endpoints using Swagger/OpenAPI to support endpoint exploration and integration.

TECHNICAL SKILLS

Languages

- JavaScript
- SQL

Backend

- Node.js
- Express.js

- REST APIs

Databases

- PostgreSQL
- MongoDB

Authentication

- JWT

Tools

- Git
- GitHub
- Postman

ORM

- Prisma

DevOps

- Docker
- GitHub Actions
- CI/CD
- Cloud Deployment