

DAUDU, PHILIP AYOMIDE

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BIO

Self-motivated and impact-driven Backend Developer with hands-on experience in building scalable web applications and robust APIs. Skilled in collaborating with cross-functional teams to deliver high-quality software solutions. Proficient in modern backend technologies and architectures, with a strong foundation in software engineering principles and problem-solving.

SKILLS & TECHNOLOGY

- **Programming Languages:** TypeScript, JavaScript, Node.js
- **Frameworks & Libraries:** NestJS, Express.js
- **Web Development:** HTML, CSS
- **Databases:** MongoDB, MySQL, PostgreSQL, Mongoose (ODM), TypeORM
- **Authentication & Authorization:** JWT, OAuth 2.0, Session Management
- **Security:** Secure Coding Practices, Password Hashing, Data Encryption
- **API Design & Testing:** RESTful API Development, Postman, Thunder Client
- **Message Queues & Caching:** RabbitMQ, Redis
- **Containerization & DevOps:** Docker, GitHub Actions, Render, AWS, Clever Cloud
- **Version Control:** Git, GitHub
- **Soft Skills:** Strong Communication (Written & Verbal), Problem Solving, Debugging, Analytical Thinking
- **Team Collaboration:** Agile Methodologies, Cross-functional Teamwork, Knowledge Sharing

EXPERIENCE

Backend Developer

Scalelab | April 2024 – July 2025

- Supported backend engineering efforts across 4 NestJS-based microservices and delivering robust features and resolving production-level bugs.
- Designed and developed the entire backend system for an e-commerce creative bank application, including server-side logic, payment gateway integration (Flutterwave, Paystack), and secure user operations.
- Implemented scheduled tasks and automated notifications using cron jobs and integrated Mailgun for email triggers tied to user actions and purchase flows.
- Wrote and optimized complex MongoDB queries for data aggregation, reporting, and real-time analytics dashboards.

- Built and maintained RabbitMQ messaging queues to handle asynchronous event-driven workflows across services.
- Led and executed UAT testing and training sessions, enabling internal testers to validate end-to-end product behavior.
- Contributed to 70+ pull requests across codebases, including bug fixes, feature enhancements, and third-party API integrations.
- Ensured CI/CD pipeline stability and deployment consistency in both monolith and microservices using GitHub Actions.
- Used Redis for caching and rate-limiting strategies, improving API performance and resilience under load.
- Collaborated daily via Trello, Linear and Postman, contributing to agile sprint planning and technical documentation.

Tech Stack: TypeScript, Node.js, NestJS, MongoDB, Redis, RabbitMQ, Mailgun, Paystack, Flutterwave, Trello, Git/GitHub, Postman, Cron, CI/CD

Backend Developer

Blueroom Care | January 2024 – February 2025

- Collaborated with cross-functional teams to design and implement scalable server-side architecture for a mobile mental health application.
- Engineered backend services to manage patients, therapists, ratings, and subscriptions, ensuring secure data handling and enforcing business logic.
Integrated push notification support to enable real-time communication between patients and therapists for bookings, reminders, and updates.
- Resolved multiple critical bugs across production environments, improving application stability and user experience.
- Optimized database queries and backend workflows to ensure fast, reliable communication with the frontend mobile.

Tools & Technologies used: Typescript, NodeJS, Nestjs, MongoDB, web Sockets, Redis, trello, Cron job, Postman, flutterwave, Git/GitHub, monolithic architecture CI/CD, firebase push notification.

Backend Developer Fredacom data services | May 2023 - June 2024

- Determined backend development tech stack – like JavaScript server-side framework and relational databases.

- Collaborated with Front-end developers to integrate user-facing elements with server-side logic to build landing- page and corporate blog with high security.
- Identify and fix issues, errors, and unexpected behavior in the application's code or infrastructure.
- Brain -Storming, researching and giving opinions on technical features, design systems and architectures.
- Documenting, Building reusable code and libraries for future use on backend codebase for data bank, request and publishing creation.
- Integrated third-party authentication providers, such as Google, using OAuth

Tools & Technologies used: JavaScript, NodeJS, MySQL, Sequelize, Jira, Render, Console clever cloud, Postman.

Backend Developer

Axios Technologies | July 2022 - March 2023

- Collaborated with a team of developers to build the server-side components for a mobile frontend application and web Application.
- Implemented referral systems to track and incentivize user referrals, driving user growth and engagement.
- Ensuring optimal performance of the central database and responsiveness to front-end requests.
- Structured documentation on NodeJs processes, including database schemas, as well as preparing reports.
- Implemented email notifications using Node Mailer, to enhance user engagement and communication.

Tools & Technologies used: JavaScript, NodeJS, MongoDB, web Sockets, socket.io, Jira, Notion, Postman, cloud-storage(cloudinary), Git/GitHub, monolithic architecture CI/CD

PROJECTS

WhatsApp Birthday Bot

GitHub: [whatsapp_birthday_bot](#)

- Built a WhatsApp bot that checks daily birthdays using cron and sends automated messages.
- Integrated with the WhatsApp API for real-time delivery and engagement.

Blog API

GitHub: [blogAPI](#)

- Developed a RESTful API with user authentication and API key generation.
- Supported listing, filtering, pagination, and full CRUD functionality for blog content.

URL Shortener

GitHub: [urlShortener](#)

- Built a full-stack web app for generating short links with user authentication.
- Added QR code generation for sharing and clean modular code for maintainability.

Education

Federal University of Technology, Akure (FUTA) B.Tech (Hons), Statistics — 2018 – 2021

AltSchool Africa Diploma, Software Engineering (Backend Track) — April 2022 – March 2023