

Unyime Emmanuel — Software Engineer

Forward Deployed Engineer · Full-stack & Mobile · AI-native: Claude, Cursor, Grok

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My advice is (while you can spend a lot of time here on the responsibilities) you should also check the results of my work at these companies. [Click here](#)

SUMMARY

Software Engineer with over 8 years of experience shipping full-stack web and mobile products end to end, also working as a Forward Deployed Engineer: often the first or only engineer working directly with founders and stakeholders, turning loosely defined business needs into production systems: microservices on GCP, AWS and Firebase, MongoDB and PostgreSQL data layers, and Flutter, React Native and Next.js front ends. AI-native in day-to-day delivery: we use Claude extensively at Garmspot, and I use Cursor and Grok at enterprise level to move from problem to deployed solution quickly. Track record of optimising API response times to sub-200ms averages and implementing robust CI/CD pipelines for seamless deployments.

SKILLS

AI & tooling	Claude (used extensively at Garmspot), Cursor and Grok (enterprise level), GitHub Actions, Docker
Backend	Node.js, NestJS, Express, GraphQL, Prisma, REST/OpenAPI, PHP (Laravel, WordPress, WooCommerce)
Frontend & mobile	Flutter, React Native, React, Next.js, Redux Toolkit
Data & cloud	MongoDB, PostgreSQL, MySQL, Firebase, Google Cloud (Cloud Run), AWS

PROFESSIONAL EXPERIENCE

Senior Software Engineer (Mobile and Full-stack Web)

Aider Technologies | United States (Remote) | October 2025 - Present

- Architected and deployed 15 production microservices using Node.js and NestJS on Google Cloud Platform (Cloud Run), serving 50+ RESTful API endpoints with average response times of 127-589ms
- Designed and implemented scalable MongoDB database schemas across 15+ collections with advanced indexing and query optimisation strategies
- Built a full-stack mobile application using Flutter, integrating seamlessly with Node.js/NestJS backend microservices for real-time data synchronisation
- Developed event-driven notification microservice integrating Firebase Cloud Messaging, delivering real-time push notifications to mobile clients
- Implemented a comprehensive authentication system using Firebase Auth with custom JWT middleware for secure API access control
- Established CI/CD pipelines with GitHub Actions for automated deployment to Google Cloud Run and containerised all services using Docker

Senior Software Engineer

Seel | Dubai, UAE (Remote) | June 2023 - Apr 2026

- Developed enterprise-grade GraphQL API using NestJS and Prisma ORM, serving dynamic user and organisation-specific data with role-based access control
- Architected database layer with Prisma for PostgreSQL, designing normalised schemas with complex relationships and implementing efficient query patterns

- Built full-stack features bridging frontend to backend, translating Figma designs into pixel-perfect React/Next.js interfaces while implementing corresponding API endpoints and business logic
- Integrated third-party APIs and managed real-time data synchronisation between frontend, backend services, and external systems
- Implemented comprehensive E2E and QA testing frameworks across the full stack, ensuring API reliability, data integrity, and seamless user experiences
- Deployed backend infrastructure to AWS with automated CI/CD pipelines, monitoring performance metrics and optimising server response times

Senior Software Engineer (Mobile and Full-stack Web)

Garmspot | Lagos, Nigeria | June 2022 - Present

- Use Claude extensively in day-to-day engineering at Garmspot, from building features and APIs to debugging and documentation
- Built custom WooCommerce REST API endpoints in PHP to securely serve product catalogue, order management, and customer data to mobile applications
- Designed and implemented MySQL database optimisation strategies, including indexing, caching, and query restructuring, improving e-commerce transaction processing by 50%
- Integrated Firebase Cloud Messaging backend services for push notifications, managing device token registration and targeted messaging campaigns
- Implemented robust API security measures, including JWT authentication, API key management, and rate limiting to protect sensitive e-commerce data
- Developed custom WordPress plugins for extended backend functionality, including inventory management and order processing automation
- Maintained comprehensive API documentation and development process documentation for cross-functional team collaboration

Lead Full-Stack Engineer

Exalt Application Limited | October 2023 - March 2024

- Collaborated with backend developers to define API contracts, data formats, and integration points using REST principles
- Architected state management with Redux Toolkit, designing normalised data structures for efficient API data caching
- Utilised Next.js server-side rendering and API routes to optimise performance and implement backend-for-frontend patterns

Senior Mobile Developer & Tech Lead

Pixavus | Oct 2023 - August 2025

- Led development of a cross-platform social media app using Flutter for mobile and web, reaching 20K+ monthly active users within 6 months
- Architected scalable solutions with clean architecture + BLoC, reducing tech debt by 30% and improving performance by 20%
- Conducted code reviews and mentored junior developers, cutting onboarding time by 50% and improving code quality
- Integrated with multiple backend services and implemented TDD + automated testing, raising test coverage to 80% and reducing production bugs by 40%
- Oversaw Git-based version control and automated deployments, shortening release cycles by 35%

Lead Mobile & Backend Engineer

Musha | November 2022 - June 2023

- Integrated React Native mobile application with C# .NET REST API backend, implementing efficient data synchronisation and offline-first capabilities
- Developed secure authentication flows with backend API integration, managing user sessions and implementing refresh token mechanisms
- Implemented comprehensive error handling and logging systems for backend API interactions, improving debugging efficiency
- Maintained thorough API integration documentation and conducted knowledge transfer sessions with the development team

Full Stack Developer

Yefepere | Nigeria | December 2022 - May 2023

- Built Node.js backend services with MongoDB for a lead management platform, implementing data validation and business logic layers
- Developed Zoho CRM API integration for automated lead capture and synchronisation, processing high-volume form submissions
- Implemented RESTful API endpoints for frontend consumption, following OpenAPI specifications and best practices
- Integrated Hotjar analytics backend tracking and configured MongoDB aggregation pipelines for user behaviour analysis

Full-Stack Developer

Haqqman | Remote | April 2022 - September 2022

- Architected and developed Node.js/Express backend for Linqman platform, implementing authentication, authorization, and data management services
- Designed RESTful API architecture for PORTAL and CONSOLE applications, managing user data, analytics, and administrative functions
- Implemented secure session management and role-based access control for multi-tenant application architecture
- Collaborated in agile environment delivering iterative backend features with comprehensive API testing

Backend Developer

Wits and Tantrums | January 2018 - June 2020

- Developed automated podcast website backend using Laravel PHP framework with MySQL database
- Implemented MVC architecture with object-oriented programming principles for maintainable, scalable codebase
- Built RESTful API endpoints for content management and user authentication using Laravel's Eloquent ORM

TECHNICAL WRITING & THOUGHT LEADERSHIP

Technical Writer - Medium

February 2020 - May 2023

- Published technical articles on backend development, API design, and software engineering best practices
- "Using Zoho API for Leads in Node.js" - Backend integration guide for third-party CRM systems
- "Working With Forms in Laravel 8" - Server-side form processing and validation techniques
- Demonstrated expertise in technical documentation, knowledge sharing, and staying current with backend development trends