

Gift Balogun

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Backend Developer

SUMMARY

Versatile Senior Engineer with 6+ years of experience spanning backend systems, API engineering, and foundational embedded systems knowledge. Proven ability to design, build, and optimize scalable, secure, and high-performance systems. Strong expertise in RESTful APIs, cloud infrastructure, and distributed architectures, with hands-on experience in Docker, Kubernetes, and modern DevOps practices.

Bridging software and hardware domains, with working knowledge of microcontrollers (STM32, ESP32, ATmega), communication protocols (SPI, I2C, UART), and system-level design. Adaptable across stacks including Node.js, PHP (Laravel), Python, and foundational Java (Spring Boot).

WORK EXPERIENCE

Backend Engineer, CarbonTech Limited, Nigeria

Aug 2024 – Aug 2025

- Designed, developed, and maintained RESTful API endpoints for web and mobile applications, improving API efficiency by 20%.
- Built full-stack application features using **Next.js** for the frontend and Laravel/PHP for the backend, ensuring seamless integration.
- Developed and executed **Laravel/PHPUnit** tests for API endpoints, enhancing code reliability and reducing bugs in production.
- Optimized database schemas, wrote complex SQL queries, and implemented **Redis caching** to improve data retrieval speed.
- Strengthened server-side logic and security by 28% through robust authentication, validation, and regular security assessments.
- Deployed applications in **Docker** containers for consistent and scalable environments across development and production.
- Conducted performance optimization and debugging, ensuring high application availability and user satisfaction.

Tools & Technologies: Laravel, PHP, Next.js, Redis, MySQL, Docker, Git, PHPUnit

Backend Engineer, Credbevy, Nigeria

May 2024 – Sep 2024

- Designed, developed, and maintained RESTful APIs for web and mobile applications, improving API performance by 25%.
- Optimized database schemas, wrote complex SQL queries, and ensured data integrity across applications.
- Enhanced server-side logic and security by 25% through robust authentication, authorization, and regular security assessments.
- Conducted performance optimization, wrote unit tests, and debugged issues to maintain high application reliability.

Tools & Technologies: Laravel, PHP, MySQL, Git, PHPUnit

Senior Backend Engineer, Payzita Nigeria

Nov 2023 – Mar 2024

- Designed, implemented, and maintained efficient and reliable server-side applications, ensuring scalability and performance.
- Developed and managed well-structured databases, optimizing queries and ensuring data security and integrity.
- Troubleshooted, debugged, and optimized backend processes to reduce latency and improve system stability.
- Collaborated with cross-functional teams to define APIs for seamless integration between frontend and backend systems.
- Implemented security best practices and data protection measures throughout the development lifecycle.

Tools & Technologies: Laravel, PHP, MySQL, Git, RESTful APIs

Intern, ISOE TOOLS & AUTOMATION, Huawei Technologies Nigeria

April 2023 – Sep 2023

- Conducted analysis on different network technology based on performance or uptime from customer
- Modified existing automated reports to fit modern requirements.
- Created new automations reports through web scrapping to make report creation and sending fully automation.
- Designed network dashboard that pull summary data information from Customer Database for simplified viewing experience.
- Modified existing Dashboard for better performance and load up time.
- Conducted monthly cybersecurity examinations to identify vulnerabilities and potential threats

Intern, Network Technology Department, Huawei Technologies Nigeria

May 2021 – Oct 2021

- Conducted customer surveys to gather feedback on network performance and user experience
- Integrated new technologies and services into customer networks, ensuring compatibility and seamless integration
- Conducted monthly cybersecurity examinations to identify vulnerabilities and potential threats
- Assisted with the installation, configuration, and maintenance of network equipment and systems

Primary Web Developer (Full Stack), The Yoma Brand

April 2019 – April 2020

- Designed and developed responsive user-friendly websites using HTML, CSS, JavaScript and PHP (Laravel)
- Collaborated with clients to gather requirements and ensure timely delivery of projects
- Implemented website optimizations to improve speed, performance, and search engine visibility
- Managed website hosting and domain registration using cPanel and other web hosting tools
- Provided technical support and troubleshooting for website issues

Intern, Center for Systems and Information Services, Covenant University

Jan 2019 - Apr 2019

- Prepared servers for connection and uplink
- Set up structures to enable smooth running of electronic examination for students
- Conduct Server Survey for good uptime

Intern, National Institute for Information Technology (NIIT), Port Harcourt

Jul 2018 - Aug 2018

- Configured servers for dynamic use
- Prepared systems for office use
- Configure Server for Examinations

SKILLS AND INTERESTS

Computer Skills:

- Networking: **CISCO** Switches and Routers
- Experienced in **Git, GitHub, GitLab, Bitbucket, GitHub Pages**; familiar with **CI/CD** pipelines (GitHub Actions, GitLab CI).
- Cloud Computing: Experienced with **Amazon Web Services** (AWS — EC2, S3, RDS), **DigitalOcean, cPanel/Apache, Microsoft Azure**, and **Google Cloud Platform** (GCP).
- Virtualization: Proficient with **Docker, Proxmox, Kubernetes** and **Storage Cloud Management**
- Server Administration: Experience with Linux environments (Ubuntu, CentOS etc), server configuration, security hardening, and performance optimization.

Programming Skills:

- Backend Development, experienced in

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- **PHP** (Laravel Framework — proficient in JWT, OAuth, API security, Unit tests, Models, Queues, Jobs, Task Scheduling, Event Broadcasting, Multi-tenancy).
 - **Python** (using MySQL, Django, Flask, FastAPI, Microservices etc).
 - **Node.js** (using MongoDB, PostgreSQL, Redis, JWT, OAuth, Role-Based Access Control).
 - **Frontend Development:** React, Next.js, NestJS, Vite.js, Bootstrap.
 - **API Development:** Experienced in designing, developing, and integrating RESTful APIs and GraphQL endpoints..
 - **Testing & QA:** Proficient with PHPUnit, Postman, and automated testing workflows
 - **Version control:** GitHub & GitLab
 - **Database Management:** MySQL, PostgreSQL, MongoDB, Firebase — schema design, optimization, indexing, and backup strategies.
 - **Embedded Systems & Hardware:** Microcontrollers: ESP32, ATmega, Communication Protocols: SPI, I2C, UART, ZigBee (familiar), Proteus and Digital & Analog Circuit Basics

Languages Skills:

- Fluent in **English**, both written and spoken

Soft Skills

- Excellent Communication Skills, able to effectively communicate with colleagues, customers, and clients
- Adaptability, able to adapt to company policies and rules
- Problem-solving Skills, able to identify and resolve problems quickly and efficiently
- Ability to work under pressure or high tension, able to work effectively under tight deadlines or challenging situations.

EDUCATION

Bells University of Technology, Ota

Program: Bachelor of Engineering, Telecommunication Engineering

July 2024

PROFESSIONAL QUALIFICATIONS

- **CCNA R&S: Introduction to Networks,** Certificate of Completion May 2019
- **Basic Digital Skill Training Certification,** Training from Haptics Sponsored by Google June 2019
- **Data Analysis (Database Packages),** Certification by THATa I.T Professionals Feb 2020
- **Supervised Machine Learning: Regression & Classification,** Certificate of Completion Jan 2023
- **Web Hacker's Toolbox: Tools Used by Successful Hackers,** Certificate of Achievement March 2023
- **CCNA: Introduction to Networks,** Certificate of Completion Dec 2024
- **ISO 45001 Foundation & Lead Implementer: Design Thinking,** Certificate of Completion July 2024
- **CCNA: Switching, Routing, and Wireless Essentials,** Certificate of Completion July 2025