

MARVELLOUS GODWIN

Python Software Engineer | Backend & API Development | Automation

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AREAS OF EXPERTISE

Python • FastAPI • REST APIs • Scripting & Automation • Git & GitHub • CI/CD • QA & Testing • PostgreSQL • MySQL • SQLite • Webhooks • AI Automation

PROFESSIONAL SUMMARY

Python Software Engineer with hands-on experience designing, building, testing, debugging, and shipping backend systems, RESTful APIs, and full-stack web applications. Core stack: Python, FastAPI, PostgreSQL/MySQL/SQLite, and JavaScript/TypeScript with React and Next.js.

Co-founder and Full Stack Developer at Olympus Tech, where I build production applications, lead backend architecture, review code, test and validate features and integrations, troubleshoot issues, mentor junior developers, and teach backend and frontend development. I have delivered client-facing work including SmartHouse, an education platform requiring end-to-end application development and backend integration.

Practical experience includes Git/GitHub workflows, API integration, webhooks, CI/CD, Linux development, scripting and automation, and hands-on QA across team projects. I also integrate AI tools and APIs into backend and web applications and use AI-assisted developer tooling in development workflows.

Outside of work, I study machine learning and game development, and regularly rebuild familiar production concepts from first principles to understand the systems beneath the abstractions I use professionally.

TECHNICAL EXPERTISE

Backend Core

- Python
- FastAPI
- RESTful API Design
- Scripting & Automation

Databases

- PostgreSQL
- MySQL
- SQLite
- SQL

AI & Automation

- AI API Integration
- LLM & AI Tool Integration
- AI-Assisted Developer Workflows
- Workflow Automation

Collaboration & Evaluation

- Code Review & Technical Mentorship
- Technical Documentation
- Cross-Functional Collaboration
- Structured Problem-Solving

Quality & Engineering

- QA & Feature Validation
- API Testing & Debugging
- Code Review & Diff Analysis
- Edge-Case Investigation

Systems & Integrations

- Webhooks
- CORS & API Integration
- System Design
- Authentication & Service Integrations

DevOps & Tools

- Git & GitHub
- Linux CLI
- CI/CD & Build Workflows
- Docker

ENGINEERING EXPERIENCE

Full Stack Developer

November 2025 – Present

Olympus Tech (Co-Founder)

Co-founded Olympus Tech, a technology services company delivering paid web development, technical tutoring, and related services, alongside a small founding team.

Responsibilities

- Design, build, test, and maintain full-stack applications end-to-end, covering database schema, API architecture, integrations, and React/Next.js delivery for paid client engagements.
- Build and connect APIs for admin, parent, and teacher-facing apps, while troubleshooting cross-platform integration issues.
- Perform hands-on QA across features, APIs, integrations, and user flows; reproduce issues and verify fixes for functional correctness.
- Lead backend development and the SmartHouse admin portal, validating features and integrations before release.
- Review code, inspect implementations, identify defects and edge cases, and mentor junior developers through implementation feedback.
- Teach backend and frontend web development as an instructor with Olympus Academy, the company's technical education platform.

Technologies: Python • FastAPI • REST APIs • PostgreSQL • MySQL • Git & GitHub • CI/CD • Linux • QA & Testing • Code Review • Technical Mentorship

Full Stack Developer Intern

April 2026 – June 2026

HNG Tech

Selected for a fast-paced, highly competitive two-month internship simulating high-pressure, real-world engineering environments and strict production deadlines, completed alongside ongoing engineering leadership at Olympus Tech.

Responsibilities

- Worked on MeetMind, an AI-powered conferencing tool, contributing to backend services for conversational context, call summaries, and meeting workflows.
- Built landing pages and dashboards while testing API consumption and supporting backend/frontend integration.
- Built API endpoints and data structures for organization members, tool usage, and conversational context with the backend team.
- Reviewed implementations, validated feature behavior, debugged integration issues, and shipped production-grade features under tight deadlines.

Focus: Python & REST APIs • QA & Testing • AI-Assisted Tooling • React.js • Git & Team Collaboration • Deadline-Driven Delivery

KEY PROJECTS

SmartHouse: Admin Portal & Backend Integration

Olympus Tech • In Development
(MVP: July 2026)

An online learning platform for primary and secondary school students, designed to connect classroom concepts to real-world applications, with planned expansion into tertiary-level education.

Contributions

- Designed and built the admin portal for user management, content organization, platform oversight, and workflow validation.
- Collaborated on API design and data contracts across platforms and investigated client-specific integration issues.
- Built backend services connecting admin, parent, and teacher-facing apps while testing request/response behavior and integration points.
- Contributed to technical architecture, feature testing, and release readiness ahead of MVP launch.

Technologies: Python • FastAPI • REST APIs • PostgreSQL • MySQL • React.js / Next.js • Git • QA & Integration Testing • Mobile-Backend Integration

EDUCATION

Bachelor of Science (B.Sc.) in Computer Science

November 2024 – July 2028

Lagos State University (LASU), Nigeria

Relevant Coursework: Operating Systems I, Algorithms and Complexity Analysis, Data Structures, Problem Solving, Python Programming Language, Database Management Systems, et al.

CERTIFICATIONS

HNG Internship 14 – Frontend Development

May 2026

HNG Internship

Certificate Of Participation

HNG Internship 14 – Backend Development

May 2026

HNG Internship

Certificate Of Participation

ADDITIONAL STRENGTHS

- Strong written and verbal English communication
- Fast learner, comfortable adopting new tools and frameworks quickly
- Reliable and accountable, with consistent delivery under deadlines
- Analytical reasoning and structured problem-solving
- Comfortable working independently and cross-functionally
- Detail-oriented, with a focus on technical correctness, QA, and accuracy

EXPANDING TOOLSET

C & C++ Systems Programming • Game Engine Development • Distributed Systems • Cloud Infrastructure • CI/CD