

# UWEM FIDELIS JOSEPH

## Backend Engineer | Remote

josephfidelis7@gmail.com · linkedin.com/in/fidelis-joseph-uwem · github.com/joseph-fidelis

### PROFESSIONAL SUMMARY

Backend Engineer with **6+ years of experience** architecting and delivering scalable backend systems and full-stack platforms across **utilities, logistics, and workforce development**. Specialized in **Python (FastAPI, Django)** and **PHP (Laravel, WordPress)**, with a proven track record of reducing operational overhead by **40%**, improving page load times by **65%**, and delivering enterprise solutions on **AWS and GCP**. Experienced in building high-performance APIs, automation workflows, and cloud-native applications at production scale.

### IMPACT HIGHLIGHTS

12M+ service touchpoints supported	40% reduction in manual operations overhead
65% improvement in page load times	99.9% uptime on cloud deployments
500+ compliance documents automated monthly	98% positive customer review rate maintained
95% improvement in data sync reliability	30% reduction in server infrastructure costs

### TECHNICAL EXPERTISE

**Backend & Frameworks:** Python · PHP · FastAPI · Django · Laravel · SlimPHP · WordPress

**Databases:** PostgreSQL · MySQL · MongoDB · Firebase · SQLite

**Cloud & Infrastructure:** AWS (EC2, S3, Lambda, IAM) · GCP (Cloud Functions, Compute Engine) · Docker · Docker Compose · Traefik

**DevOps & CI/CD:** GitHub Actions · Fastlane · Bash Scripting · Linux Administration

**Tools & Platforms:** Git · Grafana · Prometheus · Postman · Airtable · Notion · Google Workspace APIs

### PROFESSIONAL EXPERIENCE

#### Lead Software Engineer — Backend

Hilogisticz · UK (Remote, Contract) · Dec 2025 – Present

Developing logistics management and operational systems for removal and transportation services across Greater London.

- Engineered **FastAPI-based backend** for logistics operations management, handling **200+ monthly service requests** with a **4.9/5.0 customer satisfaction rating**.
- Built booking and scheduling automation platform integrating payment processing, SMS notifications, and route optimization — reducing booking time by **70%**.
- Developed inventory and fleet management APIs for real-time vehicle status, equipment availability, and resource allocation tracking.
- Implemented customer portal and review management system, achieving a **98% positive review rate** on Checkatrade.
- Created automated invoicing and payment reconciliation workflows, reducing billing errors by **85%** and improving cash flow.
- Integrated **Google Maps API** and **Mapbox API** for route planning and distance calculations, reducing fuel costs by **20%**.

**Stack:** Python · FastAPI · Nuxt.js · PostgreSQL · Google Maps API · Stripe API · Twilio · Resend

#### Lead Software Engineer — Full-Stack

BillionMinds · USA (Remote, Contract) · Aug 2024 – Dec 2025

Delivering workforce development and soft skills training platforms for enterprise clients including Gusto, Linde, and Tealium.

- Designed and maintained **WordPress-based LMS platform** with custom plugin architecture supporting **90%+ content retention rate** through micro-learning methodology.
- Built custom RESTful APIs integrating LearnDash LMS, Gravity Forms, Airtable, Make.com, and third-party auth systems, serving **2,000+ active learners**.
- Developed automated reporting and analytics dashboard for skill development metrics, reducing manual reporting time by **75%**.
- Implemented Airtable and Notion content management integrations, improving course deployment speed by **50%**.

- Created automation pipelines (Make.com, Airtable Scripts, Accredible) for certificate generation, email campaigns, and user onboarding — processing **500+ automated actions weekly**.
- Optimized database queries and caching strategies, improving page load times by **65%** and reducing server costs by **30%**.
- Built custom authentication and RBAC user management system for corporate training programs.

**Stack:** PHP · WordPress · Laravel · MySQL · JavaScript · Google Workspace APIs · Airtable API · AWS S3

## Software Engineer — Full-Stack

*Fieldmaster.ai · Oman (Remote, Contract) · Jul 2023 – Jul 2024*

*Intelligent field operations management platform serving utilities, manufacturing, and logistics industries across the Middle East.*

- Architected and deployed **Python microservices backend** supporting **12M+ service touchpoints** across utilities and manufacturing sectors.
- Engineered FastAPI-based RESTful APIs connecting mobile apps, web dashboards, and third-party systems — improving data sync reliability by **95%**.
- Designed automated workflow engines for task routing, SLA management, and compliance documentation, reducing manual overhead by **40%**.
- Built real-time data processing pipelines for GPS tracking, inventory management, and performance analytics supporting **500+ concurrent field workers**.
- Developed PDF generation and reporting systems (ReportLab), automating **1,000+ monthly compliance documents**.
- Integrated computer vision and OCR for document processing and meter readings, improving data accuracy by **60%**.
- Collaborated on AWS/GCP cloud architecture delivering **99.9% uptime** and **sub-200ms API response times**.
- Mentored junior developers on API design patterns, database optimization, and Python best practices.

**Stack:** Python · FastAPI · PostgreSQL · AWS (EC2, S3) · GCP · Docker · Redis · Celery

## Senior Python Engineer — Backend Systems

*Keystone Services Group · Oman (Remote, Contract) · Jan 2019 – Dec 2019*

*Building internal tools and document automation systems for engineering and project management operations.*

- Architected Python-based document generation platform (ReportLab), producing **500+ technical reports monthly** at **95%+ accuracy**.
- Developed backend-driven web interfaces (NiceGUI, PyWebIO), replacing desktop apps and enabling remote access for **50+ users**.
- Built geospatial mapping and data visualization tools for project tracking and multi-site asset management.
- Implemented image processing pipelines for quality control documentation, reducing manual review time by **60%**.
- Migrated frontend logic into Python backend services, consolidating the tech stack and reducing maintenance overhead by **40%**.
- Deployed applications on cloud infrastructure with automated backup and disaster recovery procedures.

**Stack:** Python · FastAPI · ReportLab · PyWebIO · NiceGUI · PostgreSQL · PIL/Pillow · GCP

## EDUCATION

---

**Bachelor of Engineering (B.Engr.)** — Electrical/Electronics Engineering · University of Uyo

## AVAILABILITY

---

Available for **Lead / Full-Stack / Backend Engineer** roles focusing on backend architecture, API development, and cloud-native systems. Open to remote opportunities with forward-thinking organisations building impactful products.