

Isaac Olorunfemi

Senior AI-Driven Full-Stack WordPress Developer

SUMMARY

- 5+ years of freelance experience building custom WordPress platforms with Python/ PostgreSQL backends and AI-powered features.
- Skilled in FastAPI, ETL automation (Pandas, Airflow), and serverless deployments on AWS Lambda.
- Experienced in WordPress plugin/theme development, Gutenberg blocks, performance optimization, and access control systems.
- Proficient in AI/LLM integration, prompt engineering, summarization, and OpenAI/ Anthropic APIs.
- Strong frontend skills with JavaScript, DataTables, Chart.js, and remote collaboration across EST time zones.

TECHNICAL SKILLS

Main Technical Skills	WordPress (5 yr.), Python (5 yr.), PostgreSQL (5 yr.)
AI Tools & Assistants	Claude (3 yr.)
Programming Languages	JavaScript (5 yr.), Python (5 yr.)
AI & Machine Learning	Claude (3 yr.), OpenAI (3 yr.), PandasAI (3 yr.), RAG (3 yr.)
JavaScript Libraries and Tools	DataTables (3 yr.)
Python Frameworks	FastAPI (3 yr.)
Data Analysis and Visualization Technologies	Apache Airflow (3 yr.), PandasAI (3 yr.)
Databases & Management Systems / ORM	PostgreSQL (5 yr.)
UI Frameworks, Libraries, and Browsers	Ajax (3 yr.), Chart.js (3 yr.)
Amazon Web Services	AWS Lambda (3 yr.), AWS SAM (3 yr.)
Google Cloud Platform	Google Docs (3 yr.)
SDK / API and Integrations	API (5 yr.), FastAPI (3 yr.)
Deployment, CI/CD & Administration	CI/CD
	Docker

Virtualization, Containers and Orchestration	
Version Control	Github Actions (5 yr.)
Operating Systems	Linux
Platforms	WordPress (5 yr.)
Other Technical Skills	Unreal Engine (3 yr.)

WORK EXPERIENCE

Independent Full-Stack Developer (Freelance) (Subscriber-Gated Data & Reporting Platform)

Duration: 2021 – Present

Summary:

- Built a custom WordPress platform serving tiered content (free/premium) with a Python/PostgreSQL backend powering dynamic report grids and archive access
- The platform supports investor letters, newsletters, and tiered subscription models for gated content delivery

Responsibilities:

- Designed and developed custom WordPress plugins, themes, and Gutenberg blocks for interactive data displays and gated subscriber-only content.
- Built REST APIs in Python (FastAPI) to connect WordPress frontends to external PostgreSQL databases for real-time data rendering.
- Developed ETL pipelines using Python and Pandas to ingest, clean, and transform large datasets into PostgreSQL databases.
- Implemented tiered membership access with role-based permissions and payroll logic.
- Managed full project lifecycles including requirements gathering, architecture design, development, deployment, and maintenance.

Technologies: WordPress, Custom Plugins, Gutenberg Blocks, Python, FastAPI, PostgreSQL, Pandas, Apache Airflow, AWS Lambda, Serverless Framework, JavaScript, DataTables, Chart.js

Independent Full-Stack Developer (Freelance) (AI-Assisted Content Summarization & Query Tool)

Duration: 2021 – Present

Summary:

- Developed an AI-powered tool integrating large language models (LLMs) for summarizing long-form documents and answering natural-language queries over structured knowledge bases
- This tool was integrated into WordPress to automate content generation and reporting

Responsibilities:

- Designed and implemented prompt engineering techniques for LLM-based summarization and natural-language querying.



- Integrated OpenAI and Anthropic APIs into client applications for AI-driven content features.
- Adapted AI features into WordPress plugins for end-user accessibility.

Technologies: OpenAI API, Anthropic API, Prompt Engineering, Python, WordPress

Independent Full-Stack Developer (Freelance) (Serverless API Layer on AWS)

Duration: 2021 — Present

Summary: Migrated client data-processing scripts to AWS Lambda functions triggered via API Gateway, creating a serverless API layer that improved infrastructure cost efficiency and reliability compared to traditional server setups.

Responsibilities:

- Refactored and deployed backend data-processing workloads on AWS Lambda using the Serverless Framework.
- Configured API Gateway to trigger Lambda functions for scalable and event-driven processing.
- Optimized hosting infrastructure to handle variable client traffic with reduced overhead.

Technologies: AWS Lambda, API Gateway, Serverless Framework, Python

EDUCATION

• **Self-taught full-stack developer**

Expertise built through 5 years of client projects and continuous independent study in backend architecture, data engineering, WordPress internals, and applied AI.
5 years

