

Isaac Olorunfemi

Senior AI-Driven Full-Stack WordPress Developer

SUMMARY

- 5+ years of experience building custom WordPress platforms
- Expertise in building REST APIs with FastAPI, ETL pipelines using Pandas and Airflow, and deploying serverless applications on AWS Lambda.
- Skilled in developing WordPress plugins, themes, and Gutenberg blocks for subscriber-based platforms, with expertise in role-based access control and performance optimization.
- Proficient in AI/LLM integration including prompt engineering, natural-language querying, and summarization using OpenAI and Anthropic APIs.
- Strong frontend development skills with JavaScript, DataTables, and Chart.js for dynamic, interactive data visualizations and reporting interfaces.

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 frontend with 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.
- Managed full project lifecycles including requirements gathering, architecture design, development, deployment, and maintenance.
- Implemented tiered membership access with role-based permissions and payroll logic.
- Audited and optimized WordPress installations for performance, caching, and security.
- Built JavaScript-driven frontend components using DataTables and Chart.js for dynamic financial and operational data grids.

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

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
- The tool was integrated into WordPress to automate content generation and reporting



Responsibilities:

- Integrated LLM-based features using prompt engineering for summarization and natural-language querying.
- Developed backend services to support AI functionalities and integrated them with WordPress frontend.
- Collaborated with clients to tailor AI features to specific content and reporting needs.

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 reliability and reduced hosting costs.

Responsibilities:

- Re-architected data-processing workflows to run on AWS Lambda with API Gateway triggers.
- Implemented serverless deployment pipelines and managed cloud infrastructure using Serverless Framework.
- Monitored and optimized serverless functions for performance and cost-efficiency.

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

