DZONTOH MAWULI WISDOM
Middle Data Analytics Engineer | Software Engineer & System Manager

SUMMARY

Software Engineer with 3+ years expertise in full-stack development, focusing on backend and API integrations. Proficient in Python and JavaScript, with strong experience in Django, Django REST Framework, and FastAPI. Comprehensive knowledge of relational and NoSQL databases, with advanced skills in MySQL. Demonstrable success deploying scalable web solutions on AWS with Docker and maintaining codebases with Git. Practical application of Agile/Scrum methodologies, and a proven track record of producing maintainable, well-documented code for data-driven applications, automated systems, and AI-powered tools. Holds a Bachelor's degree in Computer Science and multiple certifications, showcasing a commitment to professionalism and continuous learning in software engineering.

TECHNICAL SKILLS

Main Technical Skills	Python (3 yr.), JavaScript (3 yr.), Django REST framework (3 yr.), FastAPI
Programming Languages	Java, JavaScript (3 yr.), Python (3 yr.), TypeScript
Python Libraries and Tools	Beautiful Soup, NumPy
C++ Libraries and Tools	C/C++/C#
Python Frameworks	Django REST framework (3 yr.), FastAPI
PHP Frameworks	Laravel
JavaScript Frameworks	Node.js
AI & Machine Learning	NumPy, OpenAI, PandasAI
Data Analysis and Visualization Technologies	PandasAI
Databases & Management Systems / ORM	SQLAlchemy, SQLite
UI Frameworks, Libraries, and Browsers	Bootstrap 4
SDK / API and Integrations	FastAPI, Python Requests Library
Collaboration, Task & Issue Tracking	Jira

Platforms	Lemlist
QA, Test Automation, Security	Selenium
Other Technical Skills	Pipedrive

WORK EXPERIENCE

Software Engineer, Invoice Generator

Duration: 2024 - 2025

Summary: Developed an automated invoice generation system.

Responsibilities: Integrated Python with the sevdesk API for automating invoice creation. Processed and transformed data extracted from Excel/CSV files into API payloads. Implemented a robust solution to download and organize invoices based on date and time.

Technologies: Python, sevdesk API, Pandas, CSV & XLSX handling

Software Engineer, Campaign Automation

Duration: 2024 - 2025

Summary: Built an end-to-end solution to streamline lead campaign processes.

Responsibilities: Automated data cleaning and integration by reading data from CSV/XLSX files and storing it in a Turso database. Utilized the ChatGPT API to analyze and assign data attributes. Seamlessly integrated with Pipedrive (CRM) and Lemlist for coordinated lead campaigns.

Technologies: Python, ChatGPT API, Turso, Pipedrive API, Lemlist

Software Engineer, Web Scraping & Data Analytics

Duration: 2024 - 2025

Summary: Developed a web scraping tool to generate actionable leads.

Responsibilities: Automated extraction of web data using Selenium. Employed a BK_Tree algorithm for scoring leads based on defined metrics. Integrated ChatGPT API to enhance lead scoring accuracy.

Technologies: Python, Selenium, ChatGPT API

Software Engineer, AI Chatbot SAAS Application

Duration: Project-based

Summary: Developed a webapp AI chatbot assistant where users can create their personal chatbot, train them with data specific and deploy them into website and serve as customer support with proper documentation available.

Responsibilities: Building a customizable AI chatbot SaaS platform

Technologies: Django rest framework, nextjs, OpenAI API

Software Engineer, Data Visualizer Webapp

Duration: Project-based

Summary: Developed a webapp that allows users to create dashboards from their data.

Responsibilities: Enabling users to upload data files and generate shareable dashboards

Technologies: Django rest framework, nextjs, chadcn

Software Engineer, Expense Tracker Webapp

Duration: Project-based

Summary: Developed a webapp that allows users to track expenses with visualizers and trends.

Responsibilities: Creating a user-friendly dashboard to monitor financial activities

Technologies: Django rest framework, nextjs, chadcn

Software Engineer (Freelance), Software backend solutions

Duration: 2024 - 2025

Summary: Designed and deployed scalable backend solutions, maintained RESTful APIs, and efficient data pipelines.

Responsibilities: Creating and maintaining data-driven applications for business operations improvement. Automated processes such as lead generation, invoice management, and email campaigns.

Technologies: Python, Django, PostgreSQL, MongoDB

Health Information Officer, Health data management

Duration: 2021 – 2024

Summary: Managed large-scale health data systems, ensured data integrity and developed digital tools for data collection.

Responsibilities: Conducting data audits, KPI monitoring, facilitating data-driven decision-making in public health management.

Technologies: DHIMS2, Excel, SPSS, STATA, ODK, Kobo Collect, Google Forms

EDUCATION

- **Ghana Communication Technology University (GCTU)**
- Bachelor of Science in Computer Science
- 2023 - 2026
- **College of Health and Well Being**
- Diploma in Health Information Management
- 2018 - 2021
- **Africa Leadership Union**
- Software Engineering
- 2022 - 2024

CERTIFICATION

- **HHFA Data Collector**
- **DHIS Customization**
- **Basics of Python Programming**