Chibuikem Madueke

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Professional Summary

Driven and results-oriented Software Development Intern with a strong analytical mindset, problem-solving expertise, and a passion for backend development, automation, and AI-driven applications. Adept at leveraging Python, Flask, and Django to build web applications and automate workflows. Thrives in fast-paced environments, demonstrating exceptional attention to detail, time management, and adaptability. Currently expanding expertise in database management, software engineering, and artificial intelligence, with a keen interest in optimizing systems and processes for maximum efficiency.

Technical & Professional Skills

- Programming & Software Development: Python (Backend Development, Automation), Flask, Django (learning), Git, SQL (SQLite, PostgreSQL)
- AI & Data Analytics: Proficient in AI-driven tools, automation scripts, and data analysis techniques
- Problem Solving & Critical Thinking: Strong analytical and mathematical skills to optimize processes and improve efficiency
- Project Management & Collaboration: Team-oriented with excellent communication, leadership, and time management abilities
- Content Creation & Design: Experienced in graphic design, content development, and digital media strategies
- Tools & Technologies: Google Workspace, Basic Computer Networking, Version Control Systems

Experience

Reality AI | Software Development Intern (Voluntary) | March 2024 - Present
- Developed backend solutions using Python, Flask, and Django, enhancing automation and web applications.
- Wrote Python scripts that automated 50+ manual tasks, reducing processing time by 30%.
- Assisted in the development of internal tools, contributing to

AI-driven projects and database optimizations.
- Gained hands-on experience in API integrations, backend system architecture, and workflow automation.

Olivecaeli Global Service Ltd. | Data & Sales Analyst | Jan 2024 - Sept 2024
- Analyzed customer and sales data, optimizing sales strategies and increasing efficiency by 20%.
- Maintained precise financial records, reducing record discrepancies by 15% and improving decision-making.
- Applied data analytics to track trends and improve inventory planning and operational efficiency.

Projects

- Automated Data Processing Script – Developed a Python-based automation tool that processed and cleaned large datasets, reducing manual effort by 40%.
- Flask-Based API for Internal Tool – Designed a Flask API that handled 1,000+ requests per hour, improving system efficiency and scalability.
- AI Chatbot Prototype – Built a chatbot using Python and NLP models, automating customer support tasks.

Education

- University of Calgary - Open Studies Student (January 2025 - Present)
- Pan Atlantic University - Electrical/Electronics Engineering (2023 - 2024)
- Eucharistic Heart of Jesus Model College - Secondary School Leaving Certificate & GCE (WASSCE Certified)

Certifications

- Google Workspace Proficiency

Languages

- English - Fluent (Professional Proficiency)