Abiola Olaoluwa David

PROMPT ENGINEER | PYTHON AUTOMATION | AI DATA ANNOTATION | DATA ANALYST
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PROFESSIONAL SUMMARY

Detail-oriented and results-driven professional with hands-on experience in LLM prompt engineering, Python automation, image data annotation, and data analysis. Proven ability to craft persuasive AI prompts, streamline workflows, and deliver accurate datasets for training AI models. Strong collaborator with developers and engineers, with a growing foundation in data analytics using Excel, Python, and SQL.

CORE SKILLS

- LLM Prompt Engineering (API and Interface)
- Python Automation (SMTP, CSV)
- AI Data Annotation (Object Detection, Segmentation)
- Data Pre/Post Validation
- Excel & PowerBI Data Analysis
- Dataset Structuring & Workflow Optimization
- API Integration (LLM APIs)
- Digital Marketing
- Collaboration & Documentation

PROFESSIONAL EXPERIENCE

Prompt Engineer – Customer Awareness Messaging
AB-INBEV / Remote | *2023 – Present*

- Designed and refined persuasive LLM prompts to automate customer-facing messages (restock alerts, updates, promotions).
- Used both LLM interfaces and Python APIs to test, evaluate, and structure outputs.
- Documented and saved prompts in CSV format for developers and engineers to implement.

Tools: Python, LLM APIs, CSV, Excel, Python

Project Work On: Smart Contents (Generative AI project for crafting prompts and generating Images and persuasive customer awareness text for the purpose of marketing)

Key Contributions:

- Designed and tested prompt templates for marketing use cases (restock alerts, product highlights, etc.).
- Generated AI-based visuals aligned with customer messaging.
- Organized prompt libraries in CSV format for seamless integration by developers and content teams.
- Ensured message clarity, tone consistency, and customer alignment across all AI outputs.

Python Email Automation Developer
Techie Gigs / Remote | *2024*

- Built automated email systems using Python's smtplib and email.mime, with custom HTML templates.
- Automated personalized message dispatch using data from Excel and CSV files.
- Designed lightweight scripts to streamline routine communication processes and reduce manual input.

Tools: Python, SMTP, HTML, Excel

Project Worked On: Email Automation

Key Contributions – Python Email Automation

- Developed a robust email automation script using Python's smtplib and email.mime libraries to streamline customer communication.
- Enabled mass email delivery (1,000+ recipients) with personalized content triggered by a single command.
- Designed HTML-formatted email templates for professional, responsive messaging.
- Automated recipient list handling from CSV/Excel files, reducing manual workload.
- Implemented error-handling and delivery status logging to ensure reliability and traceability.

AI Data Annotation

AB-INBEV / Remote | 2022 – *Till Date*

- Annotated image datasets for object detection, segmentation, and instance counting.
- Used LabelMe (Anaconda environment) to perform polygon-based annotation.
- Conducted pre-validation to clean datasets and post-validation using Python scripts and Excel.
- Delivered high-quality datasets aligned with AI training standards.
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Tools: LabelMe, Python, Excel, JSON, Anaconda

Project Worked On

Poceye Africa (Computer vision model for object detection, Instance count, and instance segmentation of bottles in a refrigerator)

Key Contributions – Python Email Automation

- Developed a robust email automation script using Python's smtplib and email.mime libraries to streamline customer communication.
- Enabled mass email delivery (1,000+ recipients) with personalized content triggered by a single command.

- Designed HTML-formatted email templates for professional, responsive messaging.
- Automated recipient list handling from CSV/Excel files, reducing manual workload.
- Implemented error-handling and delivery status logging to ensure reliability and traceability.

EDUCATION

B.Sc. Sociology *(In Progress)*
Federal University Lafia, Nasarawa State.

CERTIFICATIONS *(Add as relevant)*

- Data Analytics with Excel & PowerBI
  UpSchool Africa (2024)

- Prompt Engineering and Mitigation
  LinkedIn Learning

- Virtual Assistant
  ALX

- AI Career Essentials
  ALX

ADDITIONAL INFORMATION

- Available for remote/flexible work
- Strong interest in AI-driven communication automation and ethical data practices