AI Mastermind
Self-Taught Python Developer & Full-Stack Engineer

SUMMARY
• Self-taught software engineer with hands-on experience designing and building production-ready Python services and full-sta

TECHNICAL SKILLS
Languages: Python, TypeScript/JavaScript, SQL
Backend: FastAPI, Flask, RESTful APIs, microservices, Pandas, SQLAlchemy
Frontend: React, TypeScript, Streamlit, TailwindCSS
Data: Postgres, SQLite, Pandas; familiar with Oracle/PL-SQL; strong SQL skills and experience optimizing queries
DevOps & Tools: Docker, GitHub Actions, Terraform (introductory), AWS (EC2, S3), CI/CD, Ed25519 cryptographic signing
Methodologies: Test-Driven Development, Agile/Scrum, Security & Compliance, Documentation

PROJECT EXPERIENCE
Lexvion — Compliance SaaS Platform
• Architected and implemented a microservice-based backend with FastAPI and Postgres to deliver a trust center for clients.
• Integrated OpenAI GPT models to provide real-time compliance Q&A; designed prompts and handled context and privacy.
• Implemented cryptographically signed audit logs using Ed25519 to ensure tamper-proof evidence of all interactions.
• Built a React/TypeScript dashboard using TailwindCSS to visualise trust data, manage policies and interact with the API.
• Automated deployment and audit pipelines using Docker and GitHub Actions; focused on security, scalability and user experie

Operators Lead Scoring API — Data-Driven Scoring Platform
• Developed a Python FastAPI service that processes lead data and computes scores using Pandas and custom algorithms.
• Designed RESTful endpoints for lead submission, scoring and analytics; ensured asynchronous performance and robust validati
• Built a Streamlit dashboard to visualise lead scores and usage analytics; integrated with GPT for explanation of scores.
• Wrote comprehensive tests and implemented CI/CD via GitHub Actions; emphasised modularity and maintainability.

ADDITIONAL PROJECTS & CONTRIBUTIONS
• Created multiple full-stack applications using Flask and React, including user authentication and third-party API integrati
Contributed to open-source projects and produced code samples showcasing best practices in Python and JavaScript.

JOB-SPECIFIC HIGHLIGHTS
• Emphasised experience building event-driven pipelines and integrating GPT/LLMs.
• Highlighted API integration skills and use of services like OpenAI and third-party APIs.
• Mentioned interest and readiness to learn cybersecurity tools (SOAR platforms, threat intelligence feeds).
• Demonstrated ability to design scalable architectures and maintain clean code.

EDUCATION & DEVELOPMENT
• Self-taught: Completed numerous online courses and certifications in computer science, algorithms and machine learning.
• Continuous learning: Actively explore new tools such as LangChain, Terraform and PL/SQL to expand my skill set.