

Adam Seifert-Page

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Backend engineer interested in cloud computing and AI, with 10 years of professional experience writing, producing, and delivering music before transitioning into software.

Skills

Languages: Python, JavaScript / TypeScript, Bash, SQL

Frameworks & Databases: FastAPI, Flask, Next.js, Node.js, LangChain, PostgreSQL, Firestore

Infrastructure & Tools: Docker, GCP, AWS, Terraform, Git, GitHub Actions

Experience

Junior Backend Engineer, Phantom – London

Sep 2024 – Present

- Built and deployed a public facing game for Checkout.com using Flask, Cloud Run, and Firestore, supporting real-time scoreboards and live stats for thousands of users
- Automated brand user queries for YouTube by building a chatbot with Dialogflow CX and Vertex AI, reducing inbound requests to the Brand Standards team
- Powered AI campaigns for Rightmove and Movember by building FastAPI services that routed user selfies to in-house face swap models running on Vertex AI
- Reduced data loss risk across GCP, AWS, and GitHub by building a backup system that discovered active services and backed up only recently updated repositories
- Restructured Phantom's GCP organisation by enforcing a folder based project hierarchy and scoped IAM roles, reducing unauthorised API usage and improving platform consistency
- Maintained security across all Phantom repositories by fixing vulnerabilities and updating dependencies in Python and TypeScript projects within a 30 day patch window

Projects

AI Ingredient Safety Chatbot for Pregnancy

- Built a conversational AI tool to help pregnant and breastfeeding users check ingredient safety in food and cosmetic products
- Used FastAPI, LangChain, Pinecone, and Next.js to build a RAG-based chatbot with Open Food Facts integration, a custom ingredient database, and an LLM-driven backend architecture

Education

Birkbeck, University of London – BSc Computing (1st)

June 2024