Alex Rivers

Email: alex.rivers@techly.ai

Summary

Senior Software Engineer with expertise in Python and FastAPI, specializing in building AI-powered applications. Proficient in managing large datasets with PostgreSQL and passionate about data integrity and high-performance system architecture.

Strategic Skills

- FastAPI

- PostgreSQL

Professional Experience

- **Senior Software Engineer at Quantum Dynamics**: Architected a distributed career ledger system using FastAPI. Implemented zero-hallucination guardrails for automated document synthesis and led a team of 5 engineers to deliver the v2 neural refinement engine. Utilized technologies including Python, FastAPI, Docker, and GCP.

Technical Projects

- **NeuralNexus Chat Interface**: Developed a high-performance React chat component for real-time AI interactions, featuring LaTeX syntax highlighting and Fact-Checked synthesis. Utilized technologies such as React, Tailwind, Monaco Editor, and Socket.io.