

Alex Rivers

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Summary

Senior Software Engineer with a proven track record in architecting distributed systems and leading engineering teams. Skilled in developing high-performance applications and implementing advanced guardrails for automated processes.

Strategic Skills

- Python
- FastAPI
- Docker
- GCP

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. Technologies used include 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.