Alex Rivers

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Summary

Experienced Senior Software Engineer specializing in web development with a focus on FastAPI and React. Proven track record in architecting distributed systems and leading engineering teams to deliver high-performance applications.

Strategic Skills

- **FastAPI**: Extensive experience in developing scalable web applications using FastAPI.

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.