

# Alex Rivers

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## Summary

Senior Software Engineer with a strong background in architecting distributed systems and leading engineering teams. Proven expertise in implementing robust solutions and enhancing AI-driven applications.

## Strategic Skills

## Professional Experience

- **Senior Software Engineer at Quantum Dynamics:** Architected a distributed career ledger system using FastAPI. Implemented zero-hallucination guardrails for automated document synthesis. 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.