Shree Bohara

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Experience

QuinStreet San Francisco, CA

Software Engineer *June 2026 – Present*

- Unblocked a second product's launch by designing and building the missing Spring Boot service that grants users access across both products, after proving the original approach could not work
- Grouped a peak hour of 34,000 production errors into **40 to 50 actionable reports a day** with an LLM pipeline in Python and FastAPI, cutting incident triage from 40–50 minutes to 2–3
- Migrated 324,500 consent records for 29,500 users across dev and stage between two database models with **zero mismatches**, using a live dual-write so deploy order stopped being a risk

Software Engineer Intern *June 2025 – June 2026*

- Co-architected Pond from zero to production in under 2 months using Spring Boot, React, TypeScript and AWS; the platform now holds roughly **61,000 users and 44,300 insurance policies**
- Built Pond's rating engine in Java and Spring Boot, taking signup-to-quote conversion from **1.2% before it shipped to 38.4% after**, with a median of 7 minutes from signup to first rates

DeepTek Medical Imaging Mumbai, India

Software Engineer Intern *June 2023 – Jan. 2024*

- Built the record-exchange layer in Node.js, React and MySQL that let **500+ hospitals** share patient data in one standard format under India's national health initiative

Projects

Algorithmic Options Trading System *NIFTY options, live market data* 2023 – Present

- Build and operate a NIFTY options trading system in Python and React for a trading firm: **11 independent fail-closed gates** between strategy and broker, and no order placed across roughly 20 live market sessions
- Caught strategy regressions before release by replaying recorded live-market data in the build, so a change that would have altered an order fails automatically
- Encoded a trader's discretionary method as executable rules over live market data, taking the system from nothing to a working strategy engine in Python and React with **97 automated tests** and no order path by design
- Built the React and TypeScript operator dashboard for the system, with live socket updates, candle charts and a running trade ledger, and the same view replaying a recorded session

CORDON 1st Place, AGI House [Live] [GitHub] June 2026

- Won **1st place among 37 teams** at AGI House for a Python security layer that stops one compromised LLM agent spreading to others, blocking 100% of test attacks
- Traced which agents a compromised one had reached and froze only those, keeping the rest running; **1,000-agent trace in 14.4 milliseconds**

Earshot [Live] [GitHub] Apr. – June 2026

- Built a real-time voice AI agent on the OpenAI Realtime API in React and WebRTC, with streaming speech-to-text and typed tool calls
- Found the speech-to-text and the AI's own inputs disagreeing in **6 of 7 live calls**, and surfaced the conflict for a person to resolve rather than silently picking one

Education

University of Southern California Los Angeles, CA

M.S. Computer Science *May 2026*

Awards: Led a team to 3rd place, HackMIT24 (90+ teams) | Published research on neural sound classification

Technical Skills

Languages: Python, JavaScript, TypeScript, Java, C++, SQL, HTML/CSS, Bash
Frameworks: React, Next.js, Node.js, FastAPI, Spring Boot, Express, Tailwind CSS, Vitest, PyTest
Databases: PostgreSQL, MongoDB, MySQL, Redis, Elasticsearch, ChromaDB
Cloud & DevOps: AWS, GCP, Docker, CI/CD, Vercel