

NEEL ANSHU

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EDUCATION

De Anza College — *Computer Science, A.S. (in progress)*

Aug 2025 – Present

Saratoga, CA · GPA: 3.8 · SAT: 1530

Relevant Coursework: Data Structures & Abstraction, Object-Oriented Programming, Discrete Mathematics

EXPERIENCE

Tracecloud Inc. — *Full Stack Developer*

Aug 2023 – Present

Remote

- Ship full-stack production features across a requirements-management platform used by enterprise customers.
- Designed and shipped a semantic-search-powered AI chat assistant (Anthropic API + MySQL retrieval) giving users grounded, source-traceable answers over their full requirements corpus.

Eyetell — *Quality Engineering Intern*

Oct 2025 – Present

San Mateo, CA

- Built an automated QA system that runs the full regression suite in isolated containers, cutting end-to-end test time from hours to minutes.
- Designed an LLM-driven orchestrator that parses natural-language test cases, executes them, and summarizes pass/fail results with diagnostic context; owned end-to-end, now used daily by the team.

De Anza Cybersecurity Club — *President & Founder*

Nov 2025 – Present

De Anza College, Cupertino, CA

- Founded and lead a 90+ member club; run hands-on workshops on offensive security tooling (Burp Suite, Nmap, Wireshark, Metasploit) and certification prep, and manage a 6-person officer team.
- Directed DACTF, a full-day CTF with 21 challenges across OSINT, Web Exploitation, and Reverse Engineering; built the CTF platform and club website, secured \$500 in prizes and industry sponsorship.

Chipotle Mexican Grill — *Crew Member*

Sep 2024 – Present

Cupertino, CA

- Coordinate line operations during peak rushes across a team of 6–10; train new hires and run the line during short-staffed shifts.

Flipped by Neel — *Freelance Photographer*

2021 – Present

San Francisco Bay Area

- Run an independent photography business covering family portraits and corporate events; manage client intake, shoots, and post-production end-to-end.

PROJECTS

SalesIQ — *Real-time AI Sales Coach*

- Streams live pitch video over WebRTC and analyzes micro-expressions, vocal hesitation, and body language to surface Claude-powered coaching cues mid-call.

LiveKit · React · Claude API · Computer Vision · Firebase

Signify ASL — *Gamified Sign Language Trainer*

- Trained a custom LSTM on MediaPipe hand-landmark sequences for real-time sign feedback; exported to ONNX for mobile inference.
- Built adaptive difficulty that targets the letters each user struggles with — “Wordle meets MonkeyType” for ASL.

React Native · Expo · FastAPI · WebSocket · PyTorch · ONNX · Firebase

ProtectED — *Active-Threat Response Platform · 1st Place, Hackathon*

- Event-driven platform that offloads teacher communication during active threats: location-aware SMS alerts to students/parents plus an AI voice assistant handling 911 dispatch.

React Native · Firebase · Google Cloud · Twilio · GPT

ZeroResponders — *Crowdsourced Emergency Response · 1st Place, Hackathon*

- Routes nearby medically-trained volunteers to emergencies in real time when traditional responders can’t arrive fast enough; GPT fallback handles dispatch if the caller is incapacitated.

React Native · Firebase · Python · TensorFlow · Twilio · Google Maps API

TECHNICAL SKILLS

Languages: Python, JavaScript / TypeScript, Java, SQL, HTML / CSS

Frameworks & Libraries: React, Next.js, React Native, Node.js, FastAPI, Tailwind CSS, PyTorch, TensorFlow

AI / ML: Anthropic API, OpenAI API, LSTM, BERT fine-tuning, MediaPipe, ONNX, semantic search / retrieval

Tools & Platforms: Firebase, MySQL, Google Cloud, Netlify, LiveKit, WebRTC, Twilio, Git

Security: Burp Suite, Nmap, Wireshark, Metasploit, CTF authoring (OSINT, Web Exploitation, Reverse Engineering)

Awards & Service: Scholastic Art & Writing — Silver Key, Photography (2×) · Youth Mentor, Inclusive World (children with cognitive disabilities)