# Jason Telanoff

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End-to-end software engineer with experience building and managing full-stack web and mobile apps. Completed a double major in Computer Science and Applied Mathematics at UC Berkeley a year early, and started developing software in high school, learning how to create usable products people enjoy.

## EDUCATION

**University of California, Berkeley** — Berkeley, CA
*B.A. Computer Science & B.A. Applied Mathematics | GPA: 3.8* — *Aug 2022 – May 2025*

## EXPERIENCE

**Founding Engineer** — San Francisco, CA
*Nerve (Y Combinator S24)* — *Jan 2025 – Aug 2025*
- Integrated with five EHR systems via a TypeScript backend in 6 weeks, cutting partner onboarding from 3 mo → 2 wk and unlocking $2K monthly recurring revenue (MRR) with a 95% reduction in manual chart entry.
- Developed web dashboard MVP for API-key lifecycle (create, scope, expire) and usage analytics.
- Built a secure electronic medical record link system usable across facilities without third-party intermediaries. More on technical details in projects section below.

**Full-Stack Engineer** – Consultant/Contract — Berkeley, CA
*Awear – Mood-Tracking Mobile App* — *Feb 2024 – May 2024*
- Contracted to rebuild the mobile app based on founding team's designs to monitor user mood using EEG data, boosting daily active usage by 25%.
- Led database migration from Cloudbase text files to Google Firebase Firestore, reducing sync failures from 8% → <1% and enabling real-time updates.

**Engineer & Product Manager** – Consultant/Contract — Berkeley, CA
*Neurode – ADHD Diagnosis/Treatment App* — *Jan 2023 – Dec 2023*
- Led 6-person team using Agile methodology to deliver ADHD-stimulating activities and an eye-tracking module that improved diagnostic precision by 18%.
- Managed roadmap and client communication to ship MVP within a single academic semester.

**Mobile Developer** – Volunteer — Remote
*World Health Organization* — *Mar 2020 – Feb 2021*
- Re-engineered COVID-19 information app from React Native to Flutter, doubling development speed and supporting release in multiple countries during the pandemic.

## PROJECTS

**Privacy-Preserving Record Linkage (PPRL)** — Go, Python, React — Apr – Jul 2025
- Salted $q$-gram hashing + Bloom filters + MinHash enable fuzzy PSI without exposing raw PII.
- Encrypted with AES-256 at rest, AES-256-GCM in transit.
- CLI + lightweight React UI orchestrate jobs; demo linked two 10k-record sets in ¡60 s (precision 0.999, recall 0.966).

## TECHNICAL SKILLS

**Languages**: Go, TypeScript, Python, Dart, SQL, JavaScript
**Frameworks**: React/Next.js, Flutter, Hono, Express, GraphQL
**Cloud & Data**: AWS (ECS, RDS, Route 53, S3), Docker, Terraform, PostgreSQL, Redis, Firebase, ElasticSearch
**Miscellaneous**: Figma, Agile methodologies