Vishrut Jha

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Experience

Prickly Pear Health Inc. **July 2024 – Present**
Founding Engineer Phoenix, AZ

- Built the web dashboard, AI backend, and iOS app for a voice-first brain health product for women in perimenopause with **10,000+ App Store users**; worked with the founder on user interviews and roadmap priorities.
- Built Next.js and TypeScript dashboards for patient journals, staff management, and billable hours, plus internal operations tools.
- Added document retrieval with pgvector and automatic fallback between AI models; reduced 95th-percentile **time to first token from 1.8s to 280ms** and model costs per user by **approximately 50%**.
- Managed HIPAA-compliant AWS infrastructure with Terraform; maintained **99.9% backend uptime**.

Dhan AI Pvt. Ltd. **June 2023 – May 2024**
Software Development Engineer - I Tempe, AZ (Remote)

- Migrated **50,000+ users** from SAP Gigya to Firebase Auth with zero downtime or data loss; reduced **sign-in time by 40%**.
- Kept iOS and backend data in sync using RabbitMQ, Celery, and Redis; maintained **95th-percentile latency below 200ms** during traffic spikes.
- Built a Next.js dashboard for support staff to manage two-factor authentication and single sign-on; reduced **incident resolution time by 60%**.

Compliance Group Inc. **June 2019 – July 2021**
Full-stack Developer Hyderabad, India

- Migrated Python services from REST to GraphQL; removed redundant database queries to increase throughput by **20%** across millions of regulatory records.
- Led data categorization on a six-engineer team; reduced deployment incidents by **50%** through automated checks and staged releases.

AuthBase Inc. **September 2018 – May 2019**
Software Engineer Hyderabad, India

- Built LiveShield, a dashboard for network scans, vulnerabilities, and live alerts; reduced **alert triage time by approximately 40%**.

Projects

CabinLink **May 2026 – Present**
Developer iPhone, iPad, Mac, Apple Watch, Vision Pro

- Built and launched a native flight companion; earned **#3 Product of the Day on Product Hunt** and reached **#70 in the US Mac App Store Travel chart** in June 2026.
- Built flight maps and weather views with MapKit and WeatherKit; preserved flight readings during connection loss and marked outdated data.

TestFlight PM **July 2025 – Present**
Developer GitHub Actions Marketplace

- Built a GitHub Action that turns TestFlight crashes and feedback into GitHub or Linear issues using AI, with duplicate detection and spending limits.

Skills

Frontend: TypeScript, React, Next.js, Tailwind, accessibility
Backend & Cloud: Python, Django, Bun/Hono, PostgreSQL, Redis, GraphQL, AWS, Terraform, GitHub Actions
AI: RAG, Vercel AI SDK, Model Context Protocol (MCP), Apple Foundation Models
iOS: Swift, SwiftUI, MapKit, WeatherKit, SwiftData, HealthKit, SpeechAnalyzer

Education

Arizona State University | M.S. Computer Science **2021 – 2023**
Panjab University, UIET | B.E. Computer Science and Engineering **2014 – 2018**