ANIRUDH KRISHNA

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Technical Skills

Languages: Python, C, C++, Dart, JavaScript, TypeScript, Java, SQL
Frameworks: React.js, Next.js, Flutter, Node.js, FastAPI, Express.js, Tailwind CSS, TensorFlow, PyTorch, React Native, Expo
Tools: Git, AWS(S3, Lambda, SQS), Kubernetes, Docker, Firebase, Supabase, GCP, Vercel, Playwright, Hatchet, Railway, Prisma
AI/ML Tools & Frameworks: Pydantic, Agentic Systems, RAG, Fine-Tuning, TurboPuffer, Evals, BrainTrust

Work Experience

Pearson Labs (YC F24)   **San Francisco, CA**
Founding Engineer   *April 2025 – Present*
- Leading development of an AI-powered Dropbox for legal teams, reducing delivery costs by 40–60% in partnership with Orrick.
- Architecting scalable AI systems (ETL, RAG, redlining, clustering, document generation) with Railway and Hatchet, supporting 100k+ file uploads, delivering <5s end-to-end latency with validation pipelines ensuring 90%+ accuracy.
- Leading DevOps, implementing Doppler-managed secrets, CI/CD pipelines for cross-env deployments, and Supabase DB migrations using Prisma.
- Managing 6 engineers and delivering enterprise features including RBAC, audit logs, and multi-region data sharding.
- Leading the agentic venture-financing automation suite (supporting $3–6T in annual deal flow), building AI workflows for due diligence, NVCA document generation, and term-sheet analysis integrated with DocuSign, Word, and external data sources.

Shastha Fresh   **Fremont, CA**
Software Engineer   *May 2024 – March 2025*
- Built a web and mobile *e-commerce platform* using React Native and Next.js, scaling to 300+ users and tripling revenue.
- Developed a *real-time inventory system* for 2000+ SKUs using Kafka, Redis caching for images, and Firebase for data storage.
- Automated CI/CD with Jenkins, integrated Stripe API for payment processing, and deployed on Vercel, AppStore, PlayStore.

Baskin Engineering @ UCSC   **Santa Cruz, CA**
Founding ML Engineer/Researcher   *May 2024 – May 2025*
- Secured $3.4M funding, transforming a startup into a research lab advancing educational AI tools with RAG pipelines, specifically building AI LMS systems.
- Built backend with FastAPI and REST APIs, integrating OpenAI APIs, Firebase, and Pinecone DB, orchestrated with LangChain
- Developed frontend with Next.js, React, Tailwind CSS, for chrome extensions, Slack bots, and websites.
- Streamlined CI/CD with GitHub Actions, deploying via Docker, Kubernetes, hosted on AWS EC2.

Revoteen Inc.   **San Ramon, CA**
Head of Engineering/Co-founder   *Jun 2022 – Sep 2023*
- Secured $30K funding and scaled a platform connecting students to extracurriculars, reaching 10,000+ users with web and mobile.
- Built with Flutter, Next.js, PostgreSQL, a single Express.js service, and deployed via Vercel, launching on Play and Apple Stores.
- Incorporated SSR and SWR, decreasing page load times by 5x, integrated Google Analytics/Facebook Ads, and designed UIs using Tailwind CSS and Figma.

Projects

NeuroFlow   **Jan 2025 – Mar 2025**
Vite.js, FastAPI, AWS, RAG, Google Agentic Development Kit, MCP Servers, Firebase Functions
- Built AI-powered DevOps agent automating end-to-end CI/CD provisioning and documentation with Jira integration.
- Monitored CI/CD pipeline failures and provided automated remediation guidance and integrated merge editor in web app.

Soshal   **Oct 2023 – Jun 2024**
Flutter, Next.js, Node.js, Firebase, Express JS, Stripe API, Google Maps API
- Led the development of web/mobile using Flutter, Next.js, Node.js, and Firebase, streamlining event management for clubs and event-lookup for students.
- Built Express.js APIs with authentication and Stripe API for secure payment processing, enabling efficient event creation.
- Led the project from ideation to launch, resulting in 10 large-scale events and securing 5 sponsors.

Education

University of California, Santa Cruz   **Santa Cruz, CA**
B.S. in Computer Science, GPA: 3.98   *June 2026*