

ADITH GANGALAKUNTA

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EDUCATION

The University of Texas at Dallas

Richardson, TX | Aug 2022 – May 2026

Bachelor of Science in Computer Science

- **Coursework:** Machine Learning, AI, Advanced Algorithms, Computer Architecture, Automata Theory, UNIX
- **Leadership:** Alpha Kappa Psi, Vice President of Service

TECHNICAL SKILLS

Languages: Python, TypeScript, JavaScript, C/C++, Go, Java, Swift, SQL, Rust
AI / ML: PyTorch, TensorFlow, SciKit-Learn, LangChain, Pinecone, GPT APIs, Hume.AI, MindsDB; RAG pipelines, LLM evaluation, quantitative signal modeling, prompt engineering
Infra & Systems: AWS (SageMaker), GCP, Docker, Kubernetes, PostgreSQL, MongoDB, Supabase, Firebase, Linux, Bash, Git
Web & Mobile: React, React Native, SwiftUI, Node.js, Django, Express, REST APIs

EXPERIENCE

The Way & True Ventures

Summer 2025 | Remote

Software Developer & VC Fellow

- Owned the production **RAG pipeline** for **Archive Assistant** (15,000+ users): corpus chunking, Pinecone vector index tuning, retrieval reranking, LLM orchestration via LangChain
- Deployed inference on **Amazon SageMaker**; tracked latency/throughput/retrieval recall; tuned batch vs. streaming for cost and p99 performance; built observability tooling for silent retrieval degradation
- Assessed True Ventures portfolio companies for AI implementation opportunities

GGWP (BuildSpace S5 – a16z-backed)

May – Aug 2024 | San Francisco, CA

Software Engineer & Founder

- Designed and built a full-stack social app: **Django** REST API, **Supabase** (PostgreSQL) data layer, **React Native** client — beta-tested with **150+ users**; selected for **a16z BuildSpace S5** cohort

Portages Health

June – Aug 2024 | Remote

Product Developer

- Built mental-health tracking app in **React Native + Firebase**; ran 40-customer discovery interviews; owned full mobile product lifecycle from design to deployment

HelloAppt

June – Aug 2023 | Allen, TX

Full Stack Developer

- Designed data model and **Django** REST API for scheduling platform supporting **30+ service providers**; delivered full MERN stack (backend, API, React frontend) from scratch

PROJECTS

Shake | Swift, SwiftUI, Supabase, LSMR

Nov 2025 – Present

- Built a real-money social wagering iOS app (shakebets.io): friend wagers and open prediction markets with a custom **Logarithmic Scoring Rule Market Maker (LSMR)** and Polymarket-style live price chart
- Architected **Supabase** backend: wallet + RLS, payout RPC, For-You feed ranking, 8 schema migrations, deep-link invite flow

Kalshi Crypto Trading Bot | Python, TypeScript, SciPy, Supabase

May 2026 – Present

- Automated quant system trading **CFTC-regulated prediction markets** via RSA-PSS-signed API; live at \$2/trade with **69% win rate over 58 settled trades**
- Signal engine: volatility-adjusted log-normal probability model detecting mispriced BTC/ETH range contracts; fee-adjusted half-Kelly position sizing with daily loss circuit breakers; A/B tested 3 algo versions before go-live

TrendSent | React, Node.js, GPT API, MindsDB

Nov 2023

- ML pipeline: SEC filing parsing → sentiment scoring → DCF projection; served comparative financial analytics across competitors
- **3rd place – Goldman Sachs Challenge, UTD** (1,200 participants)

Midax | React, Node.js, GPT API, Hume.AI, MindsDB

Oct 2023

- Real-time inference fusing CV facial-expression analysis with market signals for crypto trading; integrated Hume.AI emotion inference and MindsDB predictive modeling
- **3rd place – UC Berkeley Cal Hacks Infiniti** (1,600+ participants)

Take10 | React, Hume.AI, GPT, Python

Nov 2023

- Real-time stress inference with dynamic GPT-driven task re-ranking via Hume.AI affect signals
- **2nd place – HackUNT** (100 participants)