

EDUCATION

University of Illinois Urbana-Champaign, Grainger Engineering

Expected Graduation: Dec 2026

- Bachelor of Science in Computer Science (Honors)

Skills

- AI/ML: Python, PyTorch, TensorFlow, Keras, Hugging Face, NumPy, Pandas, LangChain, Fast.ai, PromptLayer
- Full-Stack: JavaScript, C++, React, Node.js, Next.js, Pinecone, Redis, AWS, GCP, Docker, SQL, Java, Kotlin

WORK EXPERIENCE

AI/ML Intern

AMD

May 2025 - Aug 2025

- Incoming: AI powered chip-design & fine-tuned AI agents at AMD's proprietary R&D team.

Software Engineer

Boardy AI ([Visit](#))

March 2025 - Present

- Supported early product development as one of first 5 engineers for our 45k users, with \$8 million seed
- Led creation of Boardy's event matching platform - voice agent using RAG, Rerankers & bipartite cost graphs
- Designed large-scale user research pipeline to extract 900k leads + intelligent outreach system for 5k/day

AI/ML Intern

Stealth Startup (Techstars 2024)

Dec 2024 - Feb 2025

- Developed core AI infrastructure, partnered/backed by OpenAI, Google, Microsoft, and MIT Solve
- Engineered novel RAG system on Realtime API, for 40% more seamless, knowledge-backed voice agents
- Prepared custom browser agents, powered by Browser-Use & company APIs, improving reliability by 5x

Founding Engineer

MetaFrazo.ai Translation ([Visit](#))

Oct 2024 - Feb 2025

- Built B2B platform for AI video translation & lip-syncing, tested by MrBeast, Meta, NBA, and K-Pop media
- Implemented backend parallel processing pipelines with Celery, Redis & ElevenLabs for 75% faster translation
- Deployed Flask+React based scalable, dockerized systems with CI/CD on AWS Elastic Beanstalk and S3

AI/ML Intern

Risk Management AI Team

Aug 2024 - Dec 2024

- Developed AI agent with predictive model calling to generate reports & increase productivity by 20% in banks
- Built secure Llama chatbot for custom SQL queries on global banks' data, saving analysts 3+ hours daily
- Selected for R&D in an experimental AI team of risk managers from a large NYC-based financial institution

Software Engineer

Jan Surraaj Political Party ([Visit](#))

June 2024 - Aug 2024

- Led development of a React Native app and frontend statistics dashboard for societal reform & election surveys
- Utilized by 5k volunteers to reach 6 million+ citizens, saving 300,000 USD, with PM Modi's Political Strategist

PROJECTS

VibeGPT (2024) - [Live](#)

OpenAI, NextJS, Firebase

- AI chatbot that connects similar users in real-time, based on an analysis of their conversations
- Utilized dynamically weighted averages, normalization, and cosine similarity search on text embeddings

SDLC-Accelerate (2024) - [Demo](#)

OpenAI, Prompt Engineering, React

- End-to-end AI platform w/ feedback-driven HITL, accelerating months of project planning for tech companies
- Converting SWE project requirements to GenAI Excel sheets, UML diagrams, documentation, & UI mockups

SafeR Technologies (2023) - [Website](#)

Python, Pandas, Flutter

- Researched novel algorithm for safe refugee relocation, deployed by United Nations, impacting 550+ refugees
- Created emergency network app, tested with rural governments, National Adventure Foundation, & 1000 users

AWARDS AND LEADERSHIP

- **HackMIT** Winner (1000+ Hackers), UIUC AI Hackathon Winner, National Youth Award (Tech Nominee)
- **Intel** Artificial Intelligence Global Impact Award - 3 Rounds of National and International selection
- **World Economic Forum** Representative of India on AI - Advised 50+ companies, led & taught 200 students