

# Ahan Saripalli

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## EDUCATION

### University of Texas at Dallas

Richardson, TX

Bachelor of Science in Computer Science, Minor in Innovation and Entrepreneurship

May 2027

Relevant Coursework: Data Structures and Algorithms, Software Engineering, Computer Science I and II, Programming Fundamentals, Computer Architecture, Professional and Technical Communication

## TECHNICAL SKILLS

**Languages:** Python, JavaScript, HTML/CSS, Ruby, Java, C++, PostgreSQL

**Frameworks:** React.js, Next.js, Node.js, Flask, Ruby On Rails, React Native

**Software Tools:** Git, Visual Studio Code, Firebase, Supabase, OpenAI, APIs, Microsoft Office, Google Workspace, Figma, Agile Methodologies, Google Cloud Platform, AWS

**Interests:** Football, Roller Coasters, DJing, Aviation, Legos, Traveling, Personal Finance, Cars

## EXPERIENCE

### Amenika

June 2024 – Aug. 2024

Software Engineering Intern

Miami, FL

- Built an AI chatbot with Google Vertex AI and React, increasing user engagement by 34% by guiding users through traditional Indian weddings.
- Enhanced UI & UX using responsive design principles and increased average time spent by 20%.
- Optimized API calls to reduce chatbot response time by 50%, leading to real time conversations.

### StudioSunanda

July 2021 – May 2022

Software Engineer

Dearborn, MI

- Developed and launched an e-commerce website, driving a 30% revenue increase within six months.
- Designed an intuitive UI using Tailwind CSS, and React.js, leading to a 30% increase in purchase conversion rate.
- Aligned product features with business goals and deliver on project milestones with a 6 person cross-functional team.

## PROJECTS

### ProdPlex - HackUTD 3rd Place Winner | Python, React.js, NVIDIA Nemotron AI Models

Nov. 2025

- Built an AI multi-agent product management tool that automated research and PRD creation, reducing manual workflow time by 60%.
- Integrated Nemotron LLM models with a RAG pipeline, boosting research accuracy by 40% and enabling fast market analysis.
- Engineered a modular workflow linking text, analytics, and design outputs, cutting end-to-end product specification generation to under 5 minutes.

### Memetag | React Native, Supabase, PostgreSQL, Node.js

Sep. 2025

- Built a full-stack meme collection mobile app supporting 100+ monthly content submissions with automated rarity tagging and moderation.
- Optimized database queries and API design, reducing content load times by 35% and improving user experience.
- Implemented authentication, storage, and CRUD operations on servers, enabling seamless onboarding for 50+ early users while ensuring scalable infrastructure for growth.

### Nomad | React.js, Google Places API, Supabase, Figma, Vercel, GitHub

Apr. 2025

- Created a web application that allows users to find remote workspaces based on their personal preferences saving approximately 20+ hours.
- Designed a prototype in Figma based on 10+ potential user profiles.
- Utilized Places API to populate 15+ cafes, libraries, and rentable office spaces per query.

### PsiFlow - HackFin 3rd Place Winner | Python, Stripe API, Flask, Firebase, GitHub

Nov. 2024

- Built a financial tracking system for fraternities, enabling real-time expense monitoring and automated insights for 120+ users.
- Implemented Firebase authentication, improving login security and enabling end-to-end encryption for 120+ user accounts.