

Ahan Saripalli

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EDUCATION

University of Texas at Dallas

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

Richardson, TX

May 2027

EXPERIENCE

Amenika

Software Engineering Intern

June 2024 – Aug. 2024

Miami, FL

- Developed an AI chatbot using Google Vertex AI, increasing user engagement by 34%, to help users understand more about Indian traditional weddings through interactive conversational flows in React and JavaScript
- Enhanced UI & UX for the chatbot using responsive design principles and increased average time spent by 20%
- Optimized API calls to reduce chatbot response time in half, leading to real time conversations

StudioSunanda

Software Engineering Intern

July 2021 – May 2022

Dearborn, MI

- Developed and launched an e-commerce website, driving a 30% revenue increase within six months
- Designed an intuitive UI/UX using user interaction principles, as well as Tailwind and React.js Libraries
- Collaborated with a cross-functional team, including Engineers, Designers, and CEO

PROJECTS

PsiFlow (HackFin 3rd Place Winner) | Python, Stripe API, Flask, Firebase, GitHub

Nov. 2024

- Designed and developed a comprehensive financial tracking system integrated with Stripe API, enabling real-time expense monitoring, seamless payment processing, and automated financial insights for 30+ users
- Implemented Firebase authentication, enhancing login security and ensuring end-to-end encryption for sensitive data

MoodSing | Python, React.js, HTML, Spotify API, OpenCV, DeepFace, GitHub

Nov. 2024

- Leveraged machine learning libraries like OpenCV and DeepFace for mood detection via webcam, increasing playlist enjoyment by 13%
- Enhanced user experience by personalizing music playback based on emotional cues leading to 22% user retention

GridironGuide | HTML, CSS, JavaScript, Google Maps API, GitHub

Oct. 2024

- Developed an interactive map with Google Maps API to visualize NFL matchups, peaking at 135 users a month
- Implemented real-time game updates, reducing refresh latency and improving data accuracy in the platform
- Dynamically updates game details, ensuring real-time accuracy through effective state management and stabilized website through GitHub branching for version control

Dagger | HTML, CSS, Python, Flask, Regression Analysis

Oct. 2024

- Developed a credit card fraud detection algorithm using regression models, achieving 70% accuracy based on past transaction data
- Engineered a web-based dashboard to visualize fraudulent transaction patterns, enhancing clarity for analysts

RatioAdjuster | Python, Streamlit, Beta Testing, File Handling, GitHub

May 2024

- Developed a platform enabling users to securely upload Instagram data and identify non-mutual follows, processing 100+ user uploads and saving 30+ hours

TECHNICAL SKILLS

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

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

Software Tools: Git, Visual Studio Code, Firebase, Supabase, OpenAI, APIs, Jira, Trello, Agile Methodologies