

Revanth Reddy Burramukku

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EDUCATION

Georgia Institute of Technology — Atlanta, GA

Dec 2026

Bachelor of Science in Computer Science

EXPERIENCE

Lockchain

Jan 2025 – Present

Software Engineering Intern

- Built Next.js admin portal from scratch replacing \$30k/year third-party tooling; now used by entire analyst and engineering team for all blockchain data operations across 5,000+ managed entities.
- Engineered custom solutions for entity onboarding, crypto-specific data handling, and complex API integrations with role-based auth and pool separation for multi-tenant access control.

iSuite ERP

May 2024 - August 2024

Software Engineering Intern

- Built C#/ADO.NET data pipeline APIs with optimized SQL stored procedures, reducing query response times by 40% for pharmaceutical platform serving 300+ users.
- Developed Angular/TypeScript modules for project management and procurement; contributed to proprietary engine accelerating internal module development.

Contextual Computing Lab @ Georgia Tech

Jan 2024 - April 2024

Undergraduate Researcher

- Developed Unity3D/C# eye-tracking pipeline for Meta Quest Pro capturing gaze data at 72-90Hz with sub-2° accuracy; deployed in accessibility study with 200+ participants including RIT deaf/hard-of-hearing students.
- Enabled spatial captioning research for deaf/hard-of-hearing users; tool now integrated into ongoing HWD accessibility studies.

PROJECTS

Privacy Pilot | AI ATL 2024 Winner | React, FastAPI, MongoDB, Terraform, AWS EC2, Gemini/Claude API

- Built Chrome extension analyzing Terms & Conditions in real-time; one-click scanning extracts legal links, scores privacy risk across 10 GDPR/CCPA parameters, and surfaces red flags with source quotes.
- Engineered FastAPI backend with MongoDB caching reducing latency by 99% for repeat analyses; deployed on AWS EC2 via Terraform IaC with dual AI fallback (Gemini + Claude).

ByteFight | Founding Engineer | Next.js, TypeScript, Java, SpringBoot, Supabase

- Built fullstack competition portal serving 200+ GT students for deploying algorithmic bots in real-time strategic matches; owned frontend, REST APIs, auth, and leaderboard persistence.
- Engineered game engine integrations and bot simulation workflows with sub-second match processing and reliable scoring.

Rex Bets | React Native, FastAPI, PostgreSQL, WebSockets, Docker

- Engineered real-time multiplayer betting platform with low-latency WebSocket synchronization across mobile clients; designed dynamic wagering algorithm balancing risk/reward mechanics.
- Built scalable FastAPI backend integrated with Supabase/PostgreSQL for user, lobby, and session persistence; containerized full stack with Docker for cloud deployment.

WebSpatial SDK (ByteDance/PICO) | React, visionOS, XR

- Contributed to open-source SDK through bug reproductions and feature validation; collaborated directly with core maintainers to debug cross-platform edge cases for production-ready visionOS deployment.

TECHNICAL SKILLS

Languages: Python, C++, TypeScript, Java, C#, SQL, Swift, Bash

Frameworks: Next.js, React, React Native, FastAPI, .NET Core, Angular, Node.js, SpringBoot

Infrastructure & Tools: AWS, Docker, PostgreSQL, MongoDB, Supabase, Git, Unity