

# Sarvesh Karunakaran

940-315-1567 | [sarvesh.tech04@gmail.com](mailto:sarvesh.tech04@gmail.com) | [linkedin.com/in/sarveshkk](https://www.linkedin.com/in/sarveshkk) | [github.com/sarvesh-tech](https://github.com/sarvesh-tech)

## EDUCATION

### Texas A&M University

Aug 2022 – May 2026

*Bachelor of Science in Computer Engineering*

*College Station, TX*

- GPA: 3.5/4.0 (Dean's Honor Roll)
- Coursework: Data Structures & Algorithms, Software Engineering, Database Systems, Computer Networks

## SKILLS

**Languages:** Python, C++, Java, Javascript, SQL, Typescript, C#, Golang, Swift

**Frameworks:** React, Angular, Node.js, React Native, Next.js, .NET, FastAPI, Springboot, Flask

**Technologies:** Git, Docker, AWS, Firebase, Linux, Tensorflow, PyTorch, OpenCV

**Certifications:** DataCamp: Intermediate SQL, Intermediate Docker

## EXPERIENCE

### Lockheed Martin

June 2025 – Aug 2025

*Software Engineering Intern*

*Marietta, GA*

- Built & deployed full-stack internal tools using Angular, .NET, and MSSQL, increasing tracking efficiency by **50%**.
- Cut feature implementation time by **~25%** by authoring modular C# middleware APIs & refactoring legacy code.

### Scale AI

Feb 2025 – Aug 2025

*Engineering Intern – GenAI (Contract)*

*San Francisco, CA*

- Solved **60+** abstract competitive programming problems in C++ to train/improve LLM reasoning & performance.
- Built internal validation tools to detect and fix **200+** chain-of-thought failures in frontier GenAI reasoning tasks.

### Lockheed Martin

June 2024 – Dec 2024

*Software Engineering Intern*

*Marietta, GA*

- Built & deployed a full stack CRUD app used daily by **30+** executives using Angular, SQL, and AWS EC2.
- Utilized Alteryx to build automations and embedded Tableau to visualize data metrics used by **5+** teams.

### PipeIQ

June 2023 – Aug 2023

*Software Engineering Intern*

*Palo Alto, CA*

- Built a Python-based AI retrieval-augmented generation (RAG) sales agent, increasing waitlist signups by **150%**.
- Developed reusable Next.js components in Typescript, reducing load times by **50%**, improving user experience

## PROJECTS

### 4x Hackathon Winner ([sarveshk.vercel.app](https://sarveshk.vercel.app)) | React, Python, REST APIs

Aug 2022 – Present

- 1st Place, TamuHack 2024 – React Native + Python/Node.js app to bridge cultural gaps; won out of **200** teams.
- 1st Place, Build4Good 2025 – React Native AI-therapy app with OpenAI API + FastAPI; won out of **90** hackers.

### RoomIQ ([useroomiq.com](https://useroomiq.com)) | Next.js, FastAPI, PyTorch, AWS S3

May 2025 – Present

- Built AI full-stack Next.js & Node.js app to redesign your room, with payments & authentication integrated.
- Utilized S3 for media uploads and PyTorch for backend logic, ensuring reliable performance for **1000+** users.

### Roblox Game | Lua, UI/UX Design

June 2022 – Dec 2022

- Designed & developed an online multiplayer game, handling **200,000+** total users, using Roblox Studio and Lua.
- Engineered efficient algorithms for mobile gameplay optimization, achieving a **400%** increase in game performance.

## LEADERSHIP & INVOLVEMENT

### TIDALTamu | Vice President

Feb 2024 – Present

- Led **15** officers, drove **600k** media views & **500+** hackathon signups, and won "Student Organization of the Year".
- Teach weekly ML workshops and help manage partnerships with AWS, Microsoft, Google Cloud, and Jane Street.

### Figma | Campus Leader

Aug 2025 – Present

- Spearheaded product workshops and events to introduce **100+** students to Figma, boosting product adoption.
- Planned & executed cross-organization partnerships to integrate Figma into case competitions and club projects.