

# SARVESH KARUNAKARAN

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

## EDUCATION

**Texas A&M University**, College Station, TX  
*Bachelor of Science, Computer Engineering*

Aug. 2022 - May 2026

- GPA: 3.6/4.0 (Dean's Honor Roll)
- Coursework: Data Structures & Algorithms, Software Engineering, Computer Systems, Computer Architecture, Programming Languages, Object Oriented Programming, Digital Logic, Microprocessor Systems, Signals and Systems, Principles of Statistics

## EXPERIENCE

**Lockheed Martin** – *Software Engineering Intern*; Marietta, GA

June 2024 – Dec. 2024 (7 Months)

- Built a full stack + data engineered CRUD app for **high-level** executive teams using React.js, GraphQL, SQL, and AWS
- Utilizing Alteryx to build data pipelines and embedding Tableau to visualize data metrics used by the operations team.
- **Relevant Skills:** React.JS, PostgreSQL, AWS, Alteryx, DBeaver, GraphQL, Tableau

**PipeIQ** – *Software Engineering Intern*; Palo Alto, CA

June 2023 – Aug. 2023

- Developed Python-based AI sales co-pilot using LLM and NLP, boosting accuracy and efficiency by **27%**
- Developed essential reusable components in Next.JS, reducing load times by **42%**, improving sales pipeline experience.
- **Relevant Skills:** Python, Next.JS, PostgreSQL, AWS, Large Language Models (LLM), Natural Language Processing (NLP)

**TIDAL TAMU (Machine Learning and AI club)** – *Vice President (External)*

Feb. 2024 - Present

- **Teach** weekly ML workshops and manage partnerships with sponsors like AWS, NVIDIA, Google, and Jane Street.
- **Led** design/development of the club website to help boost hackathon sign ups (**300+ sign-ups** at past hackathon).
- **Relevant Skills:** Leadership, React.JS, Figma, Adobe Photoshop, Public speaking

**Sensry Media** – *Freelance Product Designer & Founder*; Dallas, TX

July 2018 – Nov. 2021

- Product Design + Graphic Design Agency acquiring **60+ international clients** while sustaining a **5-star rating**.
- Managed a pool of **over 8-figures** in total client media views using no capital with **80,000+ service impressions**
- **Relevant Skills:** Figma, HTML, CSS, JavaScript, Adobe Photoshop, Adobe Illustrator, Professional communication

## PROJECTS

**TradeAI** – <https://github.com/sarvesh-tech/trade-ai>

Jan. 2025

- Built an **AI-powered** React Native app to analyze stock/crypto charts by indexing finance models for technical analysis.
- Integrated FastAPI + Microsoft Azure for **secure** API hosting and re-routing, and Docker to deliver **scalable** AI insights.
- **Relevant Skills:** React Native, FastAPI, Microsoft Azure, Docker, Supabase, UI/UX design, Python

**Roblox Game** – Mobile & PC Multiplayer Game

June. 2022

- Designed & developed an online multiplayer game, handling **200,000+ total users**, using Roblox Studio and Lua scripting.
- Engineered efficient algorithms for mobile gameplay optimization, achieving a **400% increase** in game performance.
- **Relevant Skills:** Lua, User Interface Design, Mobile Game Development, UI/UX design, Algorithm Development

## HONORS & AWARDS

**Hackathons:** Winner of **3 hackathons**. Most submissions found on <https://github.com/sarvesh-tech/>

- **1<sup>st</sup> Place track award** at TamuHack 2024 – Mobile app to help remove cultural barriers for international travelers using React Native, MongoDB, Firebase, Python, Node.JS. Competed and won against **600+ participants**.
- **4<sup>th</sup> Place Overall** at TidalHack 2024 – Full stack application to help teacher understand student learning pattern using random forest machine learning regression model using Python, Scikit-learn, Streamlit
- **2<sup>nd</sup> Place track award** at TamuHack 2023 – Built a web app to help users save for flights by rounding up purchases; developed with HTML, CSS, JavaScript, Python, and MATLAB.

## SKILLS

- **Programming Languages:** C/C++, Java, Python, JavaScript, x86-64 Assembly, Verilog, SQL, R, Lua
- **Web Development:** React.JS, React Native, Node.JS, Django, Docker, AWS, MongoDB, Git/GitHub, Postman, Spring Boot, Linux
- **Product Management:** Freelance Customer Professional Communication, UI/UX Design, Team Work, Action Oriented