

Tanush Golwala

☎ +91 9518748208 | ✉ tanushgolwala@gmail.com | [in](#) [tanushgolwala](#) | [G](#) [tanushgolwala](#)

Education

Vellore Institute of Technology, Vellore
Bachelor of Technology - Computer Science and Engineering

Graduation: Jul 2026
CGPA: 9.25

Technical Skills

Languages: C, C++, Python, Java, Go-lang, TypeScript, Dart
Technologies: React Native, Flutter, ReactJS, NestJS, Go-Fiber, Docker, AWS, Tensorflow, OpenCV
Skillset: Data Structures, Algorithms, Object Oriented Programming, Database Systems, Networks

Work Experience

Summer Intern

Siemens Technologies Pvt. Ltd.

May 2025 - Jul 2025

- Performed exploratory analysis of agentic-AI protocols like **MCP, A2A, and AGNTCY**, while streamlining delivery through **GitLab CI/CD pipelines** for internal AI and web solutions.
- Developed a **copier-based, RAG-powered chatbot template** adopted across Siemens, reducing development time by 80% and streamlining the creation and maintenance of virtual assistants.

Intern

IncubXperts TechnoConsulting Pvt. Ltd.

Jun 2024 – Jul 2024

- Built an automated recruitment system for 10 HR professionals, with a **NestJS backend using Prisma ORM, cron jobs** for task scheduling, **AWS SES** for automated mail notifications, and **AWS S3** for document storage.
- Implemented a TypeScript-based React.js frontend with ShadCN, ensuring a responsive user experience.

Project Experience

ScriptSync | *OpenCV, OCR, ReactJS, Python*

Apr 2024

- Created an OpenCV-based video localization system that extracts, translates on-screen text with spatial accuracy.
- Engineered a **custom audio sync algorithm** to split and align translated audio, improving synchronization accuracy over traditional TTS methods.
- Implemented **OpenCV-based text detection** with **Tesseract OCR** to extract on-screen text, translate it, and overlay the result at the exact position, ensuring minimal visual disturbance across 15+ languages.

UniPool - Carpool App for Students | *GO-lang, React Native, Docker*

Dec 2023 – Apr 2024

- Built UniPool, a cross-platform carpooling solution for 600+ students of VIT Vellore, with a **Go-Fiber** backend using **GORM, JWT-based** authentication and RESTful APIs.
- Engineered UniPool's cross-platform user interface using **React Native Expo**, integrating **Firebase Authentication** for secure user access for over 600 VIT Vellore students.

Charcha | *GO, Python, HuggingFace, Tensorflow, React*

Dec 2023

- Developed a **data-driven analytics** platform for product promotion and marketing, increasing user conversion rates by 15% for entertainment companies
- Created **web scraping pipelines using BeautifulSoup (bs4)** from scratch to extract data from platforms like X, Reddit etc. for analysis using a custom-trained sentiment model with 93% accuracy on Hugging Face.

Certifications

Amazon Web Services Solutions Architect - Associate (SAA-C03) [↗](#)

Extra Curricular

Technical Director - ACMVIT

Took **leadership** roles as the board of Association for Computing Machinery, mentoring 80+ members and fostering collaboration to successfully launch multiple projects.

Winner, Yantra Central Hack

Won the first prize at VIT most prestigious hack, out of a **pool of 750+ students** for the Project ScriptSync.

3rd Place, DevJams

Won 3rd place in DevJams'24 organised by "Google Developers Student Club" for building an application which converts novels into comic books using GEN-AI.