

# Tanush Golwala

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## Education

**Vellore Institute of Technology, Vellore**

*Bachelor of Technology - Computer Science and Engineering*

Graduation: Aug 2026

**CGPA: 9.2**

## Technical Skills

**Languages:** C, C++, Python, Java, Go-lang, JavaScript, TypeScript, Dart, Kotlin

**Frameworks:** React Native, Flutter, ReactJS, NextJS, Expo, NestJS, Go-Fiber, Flask, PostgreSQL, Prisma, GORM

**Toolkits:** OpenCV, DeepLearning, Tensorflow, Keras, Git, Version Control, Docker, K8s, GCloud, AWS

## Work Experience

**Intern** | NestJs, ReactJs, Prisma

*IncubXperts TechnoConsulting Pvt. Ltd.*

**Jun 2024 — Jul 2024**

*Pune, IN*

- Developed an automated system used by 10 HR professionals to streamline the recruitment process for organizations and implemented cron-jobs, automated mailers and submission channels on a robust frontend.
- Enhanced the data retrieval speed by 40% by transitioning the database access method from direct SQL queries to Prisma ORM, enhancing user experience.

**SDE - Intern** | Flutter, TensorFlow, OpenCV

*Zimetrics Technologies Pvt. Ltd.*

**Dec 2023 – Jan 2024**

*Pune, IN*

- Implemented a healthcare application using Flutter and TFLite with OpenCV that accurately detects medical conditions, leading to a 30% decrease in diagnosis time for healthcare professionals.
- Integrated Firebase into an E-commerce mobile application, enabling real-time user data analytics to improve engagement metrics and increasing conversion rates by 15%.

**ACMONE – Lead Project Maintainer** | React Native, FastAPI

*ACM-VIT.*

**Jun 2024 – Jul 2024**

*Vellore, IN*

- Spearheaded a team of 15 developers to create an one-stop application for all club activities and operations with 7 pages including resources, teams, meetings, tasks and announcements in 18 days.
- Managed pull requests totalling to 200 files, 16K lines of code and 500+ commits on React Native, FastAPI & SQLAlchemy.

## Project Experience

**ScriptSync** | *OpenCV, OCR, ReactJS, Python*

**Apr 2024**

- Optimized multi-lingual support in videos, using on-screen text, audio, and subtitles. It employs OpenCV, OCR, and a **custom audio sync algorithm** to generate accurate translations.
- Improved sustainability within the education sector by promoting inclusivity across 15 languages.
- Awarded **Winning Project** in VIT's 36-hour "Yantra Central Hack" out of **800+ participants**.

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

**Dec 2023 – Apr 2024**

- Designed a one-stop solution for all carpooling requirements for 600+ students of VIT Vellore under ACM-VIT.
- Built a backend using Go-Fiber and GORM and application frontend uses React Native and Expo.
- Integrated with Firebase authentication and deployed web service with Docker to enhance speed by 20%.

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

**Dec 2023**

- Developed a data-driven analytics platform for product promotion and marketing strategies, which increased user conversion rates by 15% for entertainment companies.
- Trained a sentiment analysis tool on the IMDb dataset with an accuracy of 93%.
- Engineered a web scraping tool to aggregate user-generated insights from over 20 forums, resulting in the collection of more than 1,000 data points.

## Extra Curricular

**Winner, Startup India** : First place in the Startup India Ideathon by presenting a scalable business model, outperformed 100+ teams; recognized by leading industry experts for analytical prowess and innovative solutions.

**Senior Core - ACMVIT** : Took leadership roles at the Association for Computing Machinery, mentoring 80+ members and fostering collaboration to successfully launch multiple projects.