TEJUS GUPTA

[tejusgupta3779@gmail.com](mailto:tejusgupta3779@gmail.com) ⋄ Varanasii, India ⋄ [linkedin.com/in/iamtejusgupta](http://linkedin.com/in/iamtejusgupta) ⋄ 7541942222

# EDUCATION

**Vellore Institute of Technology, Bhopal, India** (Expected - May 2027)

B.Tech - Computer Science and Engineering, Cumulative GPA: 8.0

**Sant atulanand - 12th |Sunbeam varuna- 10th**

Higher Secondary - 89% & Matriculation - 96%

# SKILLS

**Programming Languages:** Java, Python, C++, SQL

**Frameworks/Tools:** React.js, Next.js, HTML, CSS, Flutter, Firebase, AppWrite, REST APIs, TensorFlow, Google Teachable Machine, Scikit-learn, Figma, Git, Matlab, Notion

**Relevant Coursework:** Object-oriented programming, Database management system, Operating system, Computer Networks

**Certifications:** NPTEL Machine Learning, Vityarthi Python & AI & ML Fundamentals, Matlab

# PROJECTS

**AeroSense (Air Quality Monitoring System) | Arduino, IoT, Firebase, Blynk, MQ135, DHT11**

* Built a real-time air quality monitoring system with 91% sensing accuracy to measure CO₂, toxic gases, temperature, and humidity.
* Integrated Blynk IoT dashboard, Firebase Realtime Database, and sensor modules for remote monitoring and alerts.
* Achieved 28% improvement in data stability by optimizing sensor placement and implementing calibrated readings.

**EchoLens (Image-to-Speech Converter) |** Flutter, Firebase, Google ML Kit, Firebase Analytics

* Developed an OCR-powered image-to-speech app with 92% recognition accuracy for visually impaired users.
* Integrated Firebase Authentication, Firestore, and Analytics to track feature usage and personalize experience.
* Achieved 25% higher user retention by optimizing UI flow and implementing multilingual TTS using Google ML Kit.

# PROFESSIONAL EXPERIENCE

**Tech decor cloud - *Web Developer, UI/UX Intern*** May 2025 - Present

* Built scalable frontend features using React.js and Next.js, crafted Figma-based UI/UX systems, created brand identity assets, and drove user growth through SEO, and content design.

**Furnishing Mall - *Growth Intern***  Aug 2023- Present

* Led app testing, gathered user insights, and scaled student acquisition, collaborating with developers to improve product stability and user experience.

# EXTRACURRICULAR ACTIVITIES

# Responsibilities & Leadership

* President, Notion Community AY 2024–25: Represented as an official body of Notion in Campus, secured sponsorships, managed VIP logistics, and coordinated 25+ university events.
* Hostel representative, AY 2024-25
* Google development student club part

**Achievements**

* AIR 1 in research paper writing on topic “Rural Development and Self-employment” organised by government body VIVIBHA (Vision for Visit Bharat) by BSM (Bhartiya Shikshan Mandal)
* Was a part of the build space of the cohort 24-25. Learned about entrepreneurship and startup building in the cohort.
* Fellow - PW School Of Startup