

# Vemula Teja Varshith

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 [LinkedIn](#) |  [GitHub](#) |  [LeetCode](#)

## TECHNICAL SKILLS

- **Programming Languages:** Java, Dart, Python, C, JavaScript
- **Technologies/Framework:** Flutter, Firebase, Supabase, GitHub, Flask
- **Tools:** Postman, Google Cloud Platform, Google AI Studio
- **Coursework:** Data Structures and Algorithms, Operating Systems, Computer Networks, Object-Oriented Programming

## PROJECTS

- **Unisync – A College Companion App** Feb 2025  
 [Play Store](#)  
*Flutter, Dart, Riverpod, Firebase*
  - Built a full-stack Android app to simplify college students' daily life — from **attendance tracking** to **internship discovery** and **event participation**.
  - Published on **Google Play Store** and **Indus Appstore**, reaching over **500+ downloads**.
  - Integrated **Firebase Authentication** and **Firestore** for secure login and real-time data management.
  - Implemented **Riverpod** for reactive, test-friendly state management and clean separation of concerns.
  - Added **Firebase Cloud Messaging (FCM)** for real-time push notifications (e.g. event alerts, reminders).
- **Sansthainen Aur Samvidhaan – Constitutional Learning App** Nov 2024 – Dec 2024  
 [Website](#)  
*Flutter, Dart, Firebase, Supabase, Gemini AI, SQLite, Riverpod*
  - Won **1st Prize** at **Smart India Hackathon (SIH) 2024**, solving PS-1699 for the **Ministry of Law and Justice**.
  - Developed a **first-of-its-kind mobile app** to make Constitution learning interactive via **story-based modules**, **mini-games**, and **text-to-speech voice support**.
  - Implemented **live contests**, **bill tracking**, and a **community forum** to encourage civic engagement.
  - Built a multilingual platform (supporting **22 Indian languages**) with a personalized **AI chatbot** powered by Gemini.
- **Kissan Setu – Smart Marketplace for Farmers** Feb 2025 – Feb 2025  
 [GitHub](#)  
*Flutter, Dart, Firebase, Supabase, Gemini AI*
  - Developed a **Flutter-based marketplace app** to directly connect **farmers and buyers**, removing intermediaries.
  - Built **role-based access control (RBAC)** to deliver custom features for farmers and buyers.
  - Created a real-time product listing and purchasing system backed by **Firebase**.
  - Integrated **Google Gemini API** to offer AI-powered **crop disease diagnosis** via **image upload**.
  - Developed a **real-time chat system** using **Firebase Realtime Database** for buyer-seller interaction.
  - Added a **community forum** and **government schemes dashboard** to support farmers.

## ACHIEVEMENTS

- Winner of **Smart India Hackathon 2024**, securing **1st Prize** in my **2nd year** of B.Tech, competing against **2.5 lakh+** participants.
- Secured **1st Prize** at **Hackhub Hackathon** conducted by GMRIT at Stepcone 2025, surpassing **200+** participants.
- **Runner Up** in a national-level app development hackathon (**Appathon**) during the **1st year** of B.Tech, conducted at **GMRIT** at Stepcone 2024.
- Published my **First Android app** on the **Amazon App Store**  in 9th grade, marking the beginning of my app development journey.

## EDUCATION

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- **GMR Institute of Technology**

*Bachelor of Technology - Computer Science and Engineering*

- CGPA: 8.88

*Aug 2023 - Apr 2027*

Vishakapatnam , AP

- **Narayana Junior College**

*Intermediate - MPC*

- Grade: 97.1%

*Mar 2021- Mar 2023*

Vijayawada, AP

## POSITION OF RESPONSIBILITY

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- **Technical Head at ISTE Student chapter**

*Aug 2024 - Present*

*GMRIT - CSE*

- Responsible for organizing and coordinating various technical and non-technical events under the ISTE Student Chapter.

- Conducted 5+ Events attended by more than 200+ participants