

# T Ram Karthikeya

Roll No.: 22881A0557

🌐 <https://github.com/RamKarthikeya>

📞 +91-7396459970

✉️ [karthikeya1254@gmail.com](mailto:karthikeya1254@gmail.com)

🌐 Ram Karthikeya Thota

## CAREER OBJECTIVE

To contribute to a technology-driven organization by building scalable, intelligent solutions through full-stack development, AI automation, and engineering. I aim to leverage my problem-solving mindset and technical adaptability to deliver impactful results while continuously learning in a collaborative, innovation-driven environment.

## EDUCATION

- **Bachelor of Technology in Computer Science and Engineering, JNTUH.** 2022-26  
*Vardhaman College of Engineering, Shamshabad* CGPA: 9.03
- **Intermediate in MPC, Telangana Board of Intermediate Education (TGBIE).** 2019-21  
*Narayana Junior College, Hyderabad* Percentage: 95.0
- **Tenth Class, Telangana Board of Secondary Education (BSET).** 2019  
*ST. Joseph High School, Khammam* CGPA : 9.7

## ACADEMIC PROJECTS

- **Price-A-Med – Real-Time Case Study** Nov 2024 - April 2025  
*Membership-based medicine pricing system developed for Evernorth Health Services.*
  - Role: **Team Lead** – Oversaw a 10-member team; contributed to Frontend development, Dockerization, and Spring Boot API integration.
  - Built a secure and scalable web application for real-time medicine pricing.
  - Enabled dynamic pricing for pharmacy users through seamless system integration.
  - Containerized services using **Docker** for environment consistency.
  - Technologies Used: React, Spring Boot, Kafka, Jenkins, Docker
- **Secure Enterprise Transaction with Corda** Jan - May 2025  
*Research-based minor project focused on secure enterprise transactions using blockchain.*
  - Designed and implemented a smart contract system using Corda to enhance security and reduce transaction latency.
  - Used Java and Kotlin for CorDapp development, enabling private ledger updates and notary-based consensus.
  - Technologies Used: Corda, Java, Kotlin, Blockchain, Smart Contracts.

## INTERNSHIP

- **Online Internship in Artificial Intelligence and Machine Learning** Aug - Oct 2024  
*NIELIT , Chennai* Online
  - Role: **NLP Intern** – Focused on model development and evaluation for emotion detection using deep learning.
  - Developed a deep learning model for emotion detection using Bidirectional LSTM on textual data.
  - Handled complete pipeline: data preprocessing, tokenization, padding, and label encoding.
  - Technologies Used: Python, Keras, TensorFlow, NLP, LSTM, BiLSTM

## KEY SKILLS

**Languages:** C, Java, Python, Javascript, HTML+CSS

**Libraries :** Python Libraries (matplotlib, Numpy, Seaborn)

**Frameworks/Stacks:** **MERN Stack** (MongoDB, Express.js, React.js, Node.js), Spring Boot

**Databases:** MongoDB, Relational Database(MySQL)

**Web Dev Tools:** IDEs, Git, Github

**Others:** AI Tools, Prompt Engineering

**Relevant Coursework:** Data Structures & Algorithms, Operating Systems, Object Oriented Programming, Database Management System, Software Engineering.

## SOFT SKILLS

Team Leadership, Self-Learning, Presentation Skills, Adaptability, Communication, Time Management

## CERTIFICATES

- **Certificate of Appreciation** at the national-level **VJ Hackathon**, organized by **VNRVJIET College, Hyderabad**, in **Nov 2023** and again in **Oct 2024**.

## AWARDS AND ACHIEVEMENTS

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- Presented a research paper titled "*Blockchain-Enabled E-Voting: A Path to Secure and Transparent Elections*" at the **4th International Conference on Advancement in Electronics Communication Engineering**, technically sponsored by **IEEE**, held on **22–23 Nov 2024** at **Raj Kumar Goel Institute of Technology**, Ghaziabad, India.
- Recognized as an **NPTEL Discipline Star** for completing **50+ weeks** of Computer Science and Engineering courses with distinction during the **July–December 2024** session.
- Recognized as an **NPTEL Motivated Learner** for successfully completing **8+ NPTEL exams** across four semesters with 75% pass rate and consistency, awarded during the **Jan–Apr 2025** session by IIT Madras.
- Selected as a **National-Level Finalist** in the **VJ Hackathon**, organized by **VNRVJIET College, Hyderabad**, for two consecutive editions held in **Nov 2023** and **Oct 2024**.

## EXTRACURRICULAR ACTIVITIES

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- Participated in inter-college hackathons including the **VJ Hackathon** (Finalist – Nov 2023 Oct 2024) and **EY Techathon 5.0**, gaining experience in **problem-solving, prototyping, and collaborative innovation**.
- Organized “**Tech Trivia 2.0**”, a technical quiz under **CETA** and **ISTE**, Vardhaman College of Engineering, held on **16 April 2025**.