

# PULAGORLA MOUNICA

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 Pulagorla Mounica |  mounica-22471A05H5 |

Narasaraopet, Andhra Pradesh - 522601, India

## OBJECTIVE

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Passionate Computer Science student with hands-on experience in full-stack development, building scalable web and Android applications. Quick learner and effective team player with a keen interest in machine learning, eager to contribute to impactful software projects through a challenging internship opportunity.

## EDUCATION

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- Narasaraopeta Engineering College** 2022 - 2026  
Btech Computer Science Narasaraopet, India
  - AVG GPA: 9.2/10.0
- Sri Chaitanya Junior College** 2020 - 2022  
Intermediate MPC Stream Narasaraopet, India
  - Percentage: 98.1%
- St.Mary's EM High School** 2019 - 2020  
SSC Narasaraopet, India
  - GPA: 10/10

## PROJECTS

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- Machine Learning Projects (Ongoing - Internshala ML Trainings)**
  - Property Price Prediction**
    - Developing an ML regression model to predict housing prices using Linear Regression.
    - Conducting Exploratory Data Analysis (EDA) to identify key pricing factors.
    - Tech Stack: Python, Scikit-learn, Pandas, Matplotlib
  - Early Disease Detection**
    - Building a predictive ML model to detect heart disease using medical indicators.
    - Applying feature selection & hyperparameter tuning for better accuracy.
    - Tech Stack: Python, Scikit-learn, SVM, Logistic Regression
- Coding High School - Android App**
  - Developed a multi-fragment Android app for programming quizzes, tutorials, and concept-based learning.
  - Integrated Firebase Authentication & Firestore to manage user profiles, quiz scores, and leaderboards.
  - Added FeedbackFragment allowing users to rate quizzes and provide improvement suggestions.
  - Implemented a certificate generation feature for users scoring above a threshold.
  - Collaborated closely with peers for feature planning and integration, showcasing adaptability and innovation.
  - Tech Stack: Android, Firebase, Java, XML
- Placement Beacon - College Placement Insights Platform**
  - Developed a full-stack web app for tracking student placements, company visits, and salary trends.
  - Created an interactive dashboard with search, filtering, and pagination to analyze past placement records.
  - Designed a resume-building module with structured templates for students.
  - Implemented secure and scalable backend APIs using Node.js and Express.js for efficient data management.
  - Demonstrated collaboration and innovation through team-based development, aligning with global project standards and cross-functional coordination.
  - Tech Stack: **Frontend:** React.js, Tailwind CSS | **Backend:** Node.js, Express.js | **Database:** MongoDB

## SKILLS

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- Languages:** Python, Java, JavaScript, SQL
  - Backend:** Node.js, Express.js, REST APIs, Firebase, MongoDB
  - Frontend:** React.js, HTML/CSS, Angular (basic)
  - Tools & Platforms:** Git, GitHub, AWS, Microsoft Azure
  - Other:** JWT, OAuth, API Integration, Role-Based Access Control

## HONORS AND AWARDS

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### - Code Elites Award

January 2022

Narasaraopeta Engineering College, Department of Information Technology

- Cleared three competitive rounds: Quiz (CS fundamentals), Coding (algorithmic problem-solving), and Web Design (UI/UX template creation).
- Secured 3rd place and received a certificate for outstanding performance in programming, problem-solving, and web development.

### - Competition Achievement

February 2023

Internal Hackathon, Frontend Web Services

- Got awarded for a 24 hour hackathon on web development
- Recognized for building an innovative and fully functional website

### - Nptel

- Certified in "**Introduction to Internet of Things**" by NPTEL (IIT) with a score of 85% (12-week course, April 2024).  
Certificate ID: NPTEL24CS35S563400889.
- Certified in "**The Joy of Computing Using Python**" by NPTEL (IIT) with a score of 76% (12-week course, Oct 2023).  
Certificate ID: NPTEL23CS108S543300057.
- Certified in "**Ethical Hacking**" by NPTEL (IIT) with a score of 57% (12-week course, Oct 2024).  
Certificate ID: NPTEL24CS94S453400186.

## LEADERSHIP EXPERIENCE

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### - Leadership Role - Team Leader, Android & Web Development Projects

August 2024

Narasaraopeta Engineering College

- Led and guided teams in developing Android and Web-based projects, ensuring smooth collaboration and project completion..
- Played a key role in building and implementing features for applications, receiving appreciation from faculty for leadership and technical contributions..

## CERTIFICATIONS

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### - Internshala Machine Learning

February 2025

### - IBM Data Science Practitioner Certification

September 2023

### - Hackerrank SQL Certification

September 2024

### - Hackerrank Python Basic Certification

June 2023

### - Infosys Certifications

23,24,25

## ADDITIONAL INFORMATION

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**Languages:** English [Proficiency level -80], Telugu [Proficiency level - 90] ,Hindi [Proficiency – 70] , Tamil [Proficiency level - 90]

**Interests:** Coding, Design Thinking, Product Innovation & Problem-Solving , Tech Leadership & Mentorship , Participating in Hackathons.

## REFERENCES

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### Dr. S.N . Thirumala Rao

Head Of Department(**HOD**) , Department of CSE

Narasaraopeta Engineering College

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### M . Venkat Rao

Assistant Professor,Department of CSE

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