

# NAGA YASWANTH REDDY JONNALA

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## EDUCATION

<b>Vallurupalli Nageswara Rao Vignana Jyothi Institute of Engineering &amp; Technology</b>	2022 - 2026
Computer Science and Engineering (Artificial Intelligence & Machine Learning), Telangana	CGPA: 8.56
<b>Sri Chaitanya Junior College</b>	2020 - 2022
Board of Intermediate Education, Telangana	Percentage: 96.6
<b>Sri Chaitanya High School</b>	2020
Telangana Board of Secondary Education	GPA: 10

## PROJECTS

**Optideliver - AI-Powered Delivery Optimization System:** Developed an AI-powered solution for India Post during SIH 2024, streamlining logistics by scheduling delivery slots and optimizing routes. The solution offers flexibility for senders, receivers, and delivery personnel, achieving 40% faster deliveries and a 15% reduction in fuel consumption, based on insights from customer surveys and simulated datasets.

**Food Expiry App:** Developed an app using React Native with advanced barcode scanning technology and an AI-driven recipe suggestion feature, boosting meal planning efficiency by 80% by offering personalized meal ideas based on available ingredients.

**FarmWise.Ai:** Developed an AI-driven platform for smallholder farmers, achieving 90% accuracy in crop management, pest detection, yield prediction, and weather-based insights. Built with React, Flask, and MongoDB, it integrates YOLO v8 for pest detection, Random Forest & TensorFlow for predictions, and Google Gemini API for a multilingual chatbot, improving accessibility by 70%.

**Expense Tracker:** Developed a MERN-based expense tracker with an interactive dashboard, visualizing income and expenses through dynamic charts for seamless financial management.

## SKILLS

<b>Programming Languages</b>	C, C++, Python, R, JavaScript
<b>Web Technologies</b>	HTML, CSS, Bootstrap, ReactJs, React Native
<b>Databases</b>	MySQL, MongoDB
<b>Data Visualization</b>	Microsoft Power BI, Tableau, R
<b>Developer Tools</b>	VS Code, JupyterLab, Google Colab, GitHub
<b>Soft Skills</b>	Leadership, Teamwork, Problem-solving, Time Management, Communication
<b>Coding Profiles</b>	<a href="#">Hackerrank</a> , <a href="#">Leetcode</a> , <a href="#">Codeforces</a> , <a href="#">Codechef</a> , <a href="#">Codepen</a>

## CERTIFICATIONS

**Programming in Modern C++:** [Certified](#) by NPTEL, in object-oriented design & software development.

**J.P. Morgan's Software Engineering:** [Certified](#) by Forage on completing this Virtual Experience, gaining skills in data visualization, financial data handling, and problem-solving within professional workflows.

**Tableau:** [Certified](#) by Internshala, in mastering this tool for data analysis and actionable insights.

## POSITION OF RESPONSIBILITY & EXTRACURRICULARS

- Indian Society for Technical Education - Student Leadership Coordinator, Action Committee**  
Led the orchestration and execution of events across Design, Documentation, Technical, and Public Relations teams, fostering engagement with students from diverse branches and years. Sep 2024 - Present
- National Service Scheme, VNRVJIET - Volunteer**  
Feb 2024 - Present
- TEDxVNRVJIET - Public Relations Coordinator**  
Strategized outreach and audience engagement to enhance event visibility and impact. Nov 2023 - Present
- Computer Society of India - Volunteer**  
May 2023 - Present

## CO-CURRICULAR & ACHIEVEMENTS

- Smart India Hackathon 2024 finalist** - Achieved a position in the top 2.4% of 13,000+ participants nationwide, ranking among the top 5 teams for addressing a problem statement from the Ministry of Communication. Recognized for delivering an innovative and impactful solution to a critical challenge using technical skills, problem-solving, and teamwork.
- 1st Place, Yukthi Hackathon** - Stood 1st among the 50 participating teams. Developed a food expiry app with reminders, recipe suggestions, donation options, and retailer tools like barcode generation and billing.

- **3rd in Ideathon** - by Krithomedh (AIML club), with 50+ teams competing to ideate real-world solutions.
- Participated in many hackathons including **SIH 2023**, **GDSC solution challenge**, **Adobe Gen AI hackathon**, **VJ Hackathon 2023**, collaborating within teams to solve challenges.