

# M. KHYATHI MEGHANA

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 Khyathi23

## EDUCATION

**Vallurupalli Nageswara Rao Vignana Jyothi Institute of Engineering & Technology 2022 – 2026**

*Computer Science and Engineering (Artificial Intelligence & Machine Learning)*

CGPA - 9.48

**Narayana Junior College**

*Intermediate - MPC*

2020 – 2022

Percentage - 97.5%

## EXPERIENCE

**Meslova Systems Pvt Ltd - Software Engineering Intern**

June 2025 – July 2025

- Developed a full-stack web application titled "Help Desk App" to manage asset-related queries efficiently.
- Collaborated with team members to design & integrate front-end and back-end components into a functional system.

**Clahan Technologies - Software Engineering Intern**

Nov 2024 – Dec 2024

- Improved application performance by optimizing React components and backend APIs using the MERN stack.
- Worked with cross-functional teams to build scalable RESTful APIs and enhance overall user experience.

**Infosys Springboard - AI Intern**

Oct 2024 – Dec 2024

- Implemented AI waste management algorithms using boosting and bagging techniques to optimize operations.
- Developed models for resource allocation and cost reduction while deepening my understanding of AI concepts.

## PROJECTS

**Sport AI- Athlete management system** — Flutter, OpenCV, PostgreSQL, LangChain, Gemini 2.0 Flash, ML models

- Developed an AI-driven athlete management platform used by 1,000+ athletes, integrating smart coaching, performance analytics, and injury prevention tools to streamline training operations.
- Enabled financial and performance tracking modules to improve sports planning at institutional level.

**Smart Traffic Management System** — Python, Flask, YOLO, PyTorch, OpenCV, Pandas+OpenPyXL, JSON, HTML

- Built multithreaded Flask backend for logging & controlling 4 intersections, reducing idle time & boosting throughput.
- Used YOLOv8 + OpenCV to detect 5K+ vehicles/day and auto-adjust signal timings to cut congestion.

**Unify- Student Alumni Portal** — HTML, CSS, JavaScript, ReactJS, NodeJS, MongoDB, PowerBI

- Built a platform linking 100+ alumni and students for knowledge sharing, jobs, and increased engagement.
- Added real-time chat and resource sharing using ReactJS and MongoDB for seamless collaboration.

## SKILLS

- Programming Languages:** Python, C, C++, Java, R, SQL, JavaScript
- Web Technologies:** HTML, CSS, Bootstrap, ReactJS, NodeJS, jQuery, WebSockets
- Frameworks & Tools:** Flutter, JupyterLab, Google Colab, VS Code, GitHub, Django
- Databases:** MySQL, MongoDB, Firebase
- Platforms & OS:** Windows, UNIX, Linux, macOS
- Technical Packages:** AutoCAD, Hadoop
- Design & Visualization:** Figma, UX/UI Design, Tableau, Power BI, R
- CS Fundamentals:** OS, CN, DBMS, OOP, DSA, SE
- AI & ML:** AI, ML, DL, NLP, Neural Networks, Information Retrieval
- Development Practices:** Agile, Scrum, Kanban
- Soft Skills:** Innovative Thinking, Team Leadership, Communication, Problem-Solving
- Coding Profiles:** [CodeChef](#), [LeetCode](#), [CodePen](#)

## CERTIFICATIONS

• [Programming in Modern C++](#) • [UX/UI](#) - Design Principles

• [Data Science](#) - Infosys Pragati

• [Smart Coder](#) - Smart Interviews • [Tableau](#) - Internshala

## POSITIONS OF RESPONSIBILITY & EXTRACURRICULARS

• Krithomedh (Technical Club of CSE-AIML & IoT)- President

Sep 2024 – Present

• Google Developer Student Club- ML Volunteer

Nov 2023 – Sep 2024

• Street Cause- Coordinator

Sep 2023 – Aug 2024

• GirlScript Summer of Code- Mentor

Oct 2024-Nov 2024

## CO-CURRICULAR & ACHIEVEMENTS

• Secured 1<sup>st</sup> place among 150+ teams in [GDGC Solution Challenge](#).

• Stood 2<sup>nd</sup> place in [Project Expo](#) organized by Dept. of CSE - AIML & IoT among 100+ teams (Team Lead).

• 1<sup>st</sup> position in [Math Quiz Competition](#) organized at IEEE - VNR VJIET.

• Finalist in [Designathon](#) organized by Dept. of CSE & CSBS (Team Lead).

• Graduate of [PwC CRR Launchpad Program 2025](#).