

M. KHYATHI MEGHANA

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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

2020 – 2022

Intermediate - MPC

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 1st place among 150+ teams in **GDGC Solution Challenge**.
- Stood 2nd place in **Project Expo** organized by Dept. of CSE - AIML & IoT among 100+ teams (Team Lead).
- 1st 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.