

MEGHANA N

Tumkur, Karnataka

Phone: +91-9686282522 | Email: meghanan1608@gmail.com

LinkedIn: www.linkedin.com/in/meghana-n16 | Portfolio: [Personal-Portfolio](#) | GitHub: <https://github.com/Meghanna-N>

PROFILE

Innovative and detail-oriented Computer Science student passionate about software development and problem-solving. Proficient in Python, C, Java (Basic), and web technologies, with a strong foundation in Data Structures, Algorithms, and Object-Oriented Programming. Enthusiastic about AI, scalable web solutions, and cloud-based applications. Eager to leverage my analytical skills and technical expertise in a dynamic engineering environment.

EDUCATION

Channabasaveshwara Institute of Technology
Bachelor of Engineering (Computer Science) | CGPA: 8.81
2022 - 2026 | Tumkur, Karnataka

TECHNICAL SKILLS

- **Programming Languages:** Python, C, Java (Basic)
- **Web Technologies:** HTML, CSS, JavaScript (Basic)
- **Software Development Concepts:** Data Structures & Algorithms, Object-Oriented Programming, DBMS
- **AI & Machine Learning:** Basics of AI/ML, NLP
- **Developer Tools:** Git, GitHub, VS Code, Jupyter Notebook
- **Productivity Tools:** MS Office (Word, Excel, PowerPoint)

PROJECTS

Simple Calculator ([Live Demo](#), [GitHub](#))

- Designed and developed an interactive web-based calculator using **HTML, CSS, and JavaScript**.
- Implemented advanced arithmetic operations with a **user-friendly UI**, error-handling mechanisms, and keyboard support.

Personal Portfolio Website ([Live Demo](#), [GitHub](#))

- Developed a **modern, responsive portfolio website** using **HTML, CSS, and JavaScript**.
- Showcased **projects, certifications, and technical skills** with an interactive UI.
- Implemented **SEO best practices** to increase online visibility and accessibility.

AI Chatbot for College Website ([GitHub](#))

- Designed an **AI-powered chatbot** using **Natural Language Processing (NLP)** to handle student queries.
- Increased **response accuracy by 60%**, enhancing user experience and reducing workload.
- Integrated a **college-specific knowledge base** to improve relevance and usability.

Car Rental System ([GitHub](#))

- Designed a **C-based rental system** that allows users to browse, book, and pay for car rentals.
- Developed a **database-driven system** to track rentals and manage availability.
- Automated **billing and reservation management**, reducing errors and streamlining operations.

Campus Navigation System ([GitHub](#))

- Built a **navigation tool** using **Dijkstra's Algorithm** for optimized pathfinding across campus.
- Reduced **route calculation time by 30%**, improving ease of access for students and staff.
- Integrated an **interactive map** to enhance the user experience.

CERTIFICATIONS

- Front-End Development - Great Learning
- Java Programming - Great Learning
- Python Programming - Kaggle

ACHIEVEMENTS & EXTRACURRICULARS

- Active participant in hackathons, solving algorithmic challenges and data-driven projects.
- Regularly practicing LeetCode and HackerRank to strengthen problem-solving skills.
- Contributed to open-source projects and collaborative development communities.

INTERESTS

Software Development | AI & Machine Learning | Cloud Computing | Problem Solving | Open-Source Contribution | Web Development | Data Analytics