

GAMINI VARSHITHA

☎ : +91 8121544005

✉ : gaminivarshitha@gmail.com

Profile:

Passionate about exploring the world of data and data analytics, I am a Computer Science student with a strong academic record and an eagerness to keep learning. I actively contribute to initiatives like NSS and social causes, which have shaped my skills in teamwork, organization, and leadership. I adapt quickly, enjoy taking on new challenges, and am driven by curiosity to keep growing both personally and professionally.

Educational Qualifications:

B. Tech in Computer Science and Engineering: Mahatma Gandhi Institute of Technology (MGIT) (2022-2026)

- CGPA: 9.22

Intermediate: Sri Chaitanya Junior College

- Percentage: 98.4 % JEE Mains Percentile: 91.44
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Technical Skills:

- **Languages:** Java, Python (Pandas, NumPy, Matplotlib, Seaborn), R (basic), C
 - **Database:** SQL Queries, Mongo DB, DBMS
 - **Concepts:** Data Cleaning, Exploratory Data Analysis (EDA), Predictive Modeling
 - **Tools:** Power BI, Tableau
 - **Core CS Fundamentals:** Object oriented programming(oops), Data Structures, Computer networks
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Projects:

1. Predictive Maintenance of Vehicles using Machine Learning:

- Built a model to predict potential vehicle failures using historical sensor data.
- Tools Used: Python, Scikit-learn, Pandas, Random Forest Classifier
- Skills Applied: Data Cleaning, Feature Engineering, Model Evaluation

2. Electricity Bill Management System:

- Developed a website that calculates and generates electricity bill using xampp and php.
 - It has features which shows the payment status of user and dues and units used.
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Certifications:

- **AI/ML Certification** – National Skill Development (Skill India Program).

- **Introduction to Computer Networks** – Cisco Networking Academy.
 - **ICT Data Analytics** – Infosys(ongoing)
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Extracurricular Activities:

- **Coordinator - NSS MGIT:** Led multiple social service events and village outreach programs.
 - Been an active member of Street Cause and Student Tribe.
 - **Event Organizer** - Treasure Hunt with Code (Technical Fest)
 - **MUN Participant** - Improved public speaking and analytical discussion skills.
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Hobbies and Interests:

- Passionate singer and music enthusiast.
- Board game explorer and experimental home cook.
- Travel lover and cultural learner.
- Event volunteering & team collaboration.
- Enjoy reading novels as a way to explore new ideas, cultures, and perspectives.