

Magapu Varshini Maha Lakshmi



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Education and Certification:

Bachelor of Information Technology (2022 – 2026)

From Puducherry Technological University.

CGPA: 8.6/10

Intermediate in MPC (2020-2022)

GPA: 95.1/100

Technical skills: Languages: C, Python, JavaScript, SQL, Web Technologies: HTML, CSS, React, JavaScript
Frameworks/Tools: Git, DBMS, OOP, Engineering Graphics, Concepts: Network Security, Object-Oriented Programming, Responsive Web Design
Software: VS Code, Oracle DB, AutoCAD (basic)

Work experience:

Network Intern at BSNL

05/01/2024-05/15/2024

- Developed and implemented Python-based software solutions to optimize network operations and enhance data flow security.
- Managed and troubleshoot internal network systems, ensuring reliable and secure communication within the organization.
- Collaborated with the IT team to support network-related projects, demonstrating leadership and effective team communication.

Personal Skills:

- Strong interpersonal skills with excellent communication, got 5 stars in Hacker Rank for Python programming.
- Highly developed analytical and organizational skills with creative and innovative thinking.

Projects:

Instagram Automation Tools (Project Lead)

Title: Automated Chatbot and Instagram Engagement Tracker

- Developed a chatbot using Flask and JavaScript to automate FAQ responses
- Implemented an Instagram tracker to analyze engagement metrics (likes, comments, shares).
- Followed modular SDLC for front-end and back-end integration with validation.

DBMS Mini Project – Scam Detection System

Title: Fake Giveaway and Scam Detection in Instagram

- Created a user management system with forms for registration, authentication, and user data validation
- Integrated Oracle Database with front-end using ODBC for secure data operations.
- Enabled CRUD functionality using Flask and Python.

AI-Based Web Technology Project – Online Doctor Appointment System

- Built a responsive appointment booking site using HTML, CSS, JavaScript, and Flask.
- Integrated AI to respond to user queries and help with appointment-related question.
- Managed doctor-patient schedules using backend database logic.

IoT-Based Project -Air Quality Monitoring System

- Build an IoT system using Arduino ,MQ135, and DHT11 sensors to monitor air quality.
- Displayed real-time air quality status (Good, , Poor, Toxic) on an LCD screen.
- Sent SMS alerts using GSM module when the air quality was toxic, advising people to wear a mask.
- Streamed sensor data to ThingSpeak for cloud-based visualization and monitoring.

Certifications:

- Got certified from **NEURA**, Augmented reality organized by the Information Technology association in “iTech Web”.
- Got certified by Puducherry Technological University Electronic Club in recognition of my participation and amazing performance during my **MINI PROJECT EXPO -1 “BULGLAR ALARM.**
- Certified from the Great Learning for completion of the HTML tutorial.
- Got certified from **Google** in completion of “The Fundamentals of Digital Marketing” on (25/11/2022)

Declaration: I hereby declare that all the above information is true according to my knowledge.