

Nikitha Nagireddy

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EDUCATION

Masters in Engineering Sciences (Data Science) State University of New York, University at Buffalo, NY *June 2026*

Bachelor of Technology in Electrical and Electronics Engineering (GPA: 3.23 / 4.0),
Geethanjali college of Engineering and Technology, Hyderabad, India *June 2023*

TECHNICAL SKILLS

Languages	:	Python, HTML, CSS, JavaScript, C
Databases	:	SQL, MySQL
ICT	:	MS Office, Google Docs, Python, C.
Technologies	:	Machine Learning

SOFT SKILLS

Adaptability, Time Management, Team Work, Leader Ship, Creativity

PROJECT EXPERIENCE

Grid Integrated Renewable Energy Production System

Grid-integrated Renewable Energy Production System using MATLAB Using MATLAB, a grid-integrated renewable energy production system is designed. Simulink tool is used to design the module. It combines solar panel and windmill energy to be connected to the grid while also directly powering AC and DC loads. MPPT technique is used to acquire the maximum power from the sources.

Solar based Roof-top Car Parking Mechanism

A prototype module of vertical moving mechanism is designed so that, vehicle can be transposed from ground level to the roof-top. The entire mechanism is powered with energy generated by solar panel. The motor is driven by H-Bridge IC. 89C51 microcontroller is used to command H-Bridge IC to change direction of motor rotation with respect to signal received from control keys.

POSITION OF RESPONSIBILITY

Head Co-Ordinator | Bhaswara Technical Fest

I was responsible for coordinating various teams, delegating tasks, and ensuring that the fest aligns with its goals

Class Representative | Geethanjali College of Engineering and Technology

A liaison between students and professors by facilitating communication and addressing class-related concerns.

CERTIFICATIONS

- Python and SQL for Data Science by Scaler topics
- Introduction to Machine Learning by Duke University
- Web Development by Apna college.

SKILLS

Home Décor, Painting, Badminton, Cricket, Drawing, Cooking, Cleaning