

R.S ROSHAN

Vellore, Tamil Nadu, 632006.

E-mail: roshansudhakar746@gmail.com

Phone: +91 9488348337

LinkedIn Profile: [Roshan Sudhakar | LinkedIn](#)

GitHub Profile: [Rosh-pvr](#)

Credly profile: [Dashboard - Credly](#) , <https://www.credly.com/users/roshan-r-s.d4e78144>

Leetcode profile: [Roshan997 - LeetCode Profile](#)



OBJECTIVE

Motivated and detail-oriented 3rd-year B.Tech IT student with a strong foundation in programming, data analysis, and IoT technologies. Seeking opportunities to apply my technical skills and knowledge in real-world projects while contributing to innovative solutions in the field of Information Technology.

EDUCATION

Bachelor of Technology (B.Tech) in Information Technology

GLOBAL INSTITUTE OF ENGINEERING TECHNOLOGY, RANIPET, TAMILNADU.

Expected Graduation: [September, 2026]

- Currently in 3rd year with a focus on programming, data science, and IoT.
- Relevant coursework: Data Structures, Algorithms, Database Management, Embedded Systems, and Web Development.

CERTIFICATIONS

- **Data Analyst using Python** – NPTEL Swayam
- **Advanced R Programming for Business** – NPTEL Swayam
- **Linear Algebra for Data Science** – NPTEL Swayam
- **Google Cloud Data Analytics Certificate** -Google Cloud Skill Boost
- **Google Cloud Engineer Certificate**-Google Cloud Skill Boost

TECHNICAL SKILLS

- **Programming Languages:** Python, C++, Java, JavaScript
- **Scripting Languages:** HTML, CSS
- **Data Analysis Tools:** Pandas, NumPy, Matplotlib, R
- **IoT & Embedded Systems:** Arduino, Raspberry Pi, Sensor Integration
- **Other Skills:** Linear Algebra, Problem Solving, Debugging

PROJECTS

1. Soil Sensing Device (IoT Project)

- Designed and developed an IoT-based soil sensing device to monitor soil moisture and nutrient levels.
- Integrated sensors with Arduino and Raspberry Pi for real-time data collection and analysis.
- Implemented a user-friendly dashboard using HTML, CSS, and JavaScript for data visualization.

2. FLUTTER PROJECTS

- 2-D Game (coin collection)
- HTML Generator
- Shopping App

3. Projects involving Data Analytics & ML(Jupyter Notebook, PyTorch, Google collab)

- Firework simulation using Pytorch.
- Calculating Throughput, scaling and computation efficiency using a generated Dataset.

ACHIEVEMENTS

- Completed multiple NPTEL certifications with high scores.
- Actively participated in hackathons and coding competitions.
- Consistently ranked among the top performers in academic projects.

EXTRA-CURRICULAR ACTIVITIES

- Member of the Coding Club at GLOBAL INSTITUTE OF ENGINEERING TECHNOLOGY.
- Volunteered in tech workshops to teach programming basics to juniors.
- Participated in IoT and robotics competitions.

INTERESTS

- Data Science and Machine Learning
- Internet of Things (IoT) and Embedded Systems
- Web Development and UI/UX Design
- Solving real-world problems using technology