

MILAN LUITEL

Email: milan_lu_g22@ei.nits.ac.in

Mobile: +91-690-1362-680

Github: github.com/MilanLuitel

LinkedIn: Milan Luitel

EDUCATION

- **National Institute of Technology, Silchar** Assam, India
Bachelor of Technology - Electronics and Instrumentation Engineering; CGPA: 7.98 July 2022 - June 2026
- **Ramanujan Junior College, Nagaon** Nagaon, Assam
HSC ; Percentage: 90.6 July 2019 - June 2021
- **Shankardev Shishu Niketan, Pulani, Majuli** Majuli, Assam
SSC ; Percentage: 83.16 July 2008 - June 2018

INDUSTRIAL TRAINING

- **Basics of Electrical and Mechanical**
Mentor: Mr. Manmohansingh Koranga, Siemens Technical Academy, Airoli Dec, 2023
 - Studied basics of electricals and general components, Motors and Drives, basic electronics, and use of different types of measuring instruments.
 - Performed Mechanical measuring instruments, Hand tools, different kinds of machining and practice on machines, Welding. Hydraulics and Pneumatics.
- **Basic Mechatronics System**
Mentor: Prof Mukund Holkar and Prof. Yogesh Chandratre, Guru Gobind Singh College, Nashik June, 2024
 - Performed hands-on projects of interfacing PLC with hardware circuitry.
 - Learned basics of Electrical, Mechanical, Electronics and PLC fundamentals required during training.

PROJECTS

- **National Institute of Technology, Silchar** Onsite
July 2024 - Present
 - Working on the initial phase of a Cloud based affordable Kidney dialysis Machine
 - Integrated IoT devices to monitor and control dialysis machine parameters, Programmed various Arduino components to collect and transmit patient data to the cloud, Implemented data storage and management solutions using Firebase, Ensured real-time data visualization and user-friendly interfaces.
- **e-portal for facilitating case management and hearing** Remote
Nov,2023 - Dec, 2023
 - development of an e-portal for facilitating case management hearing also known as pre-trial conference in other jurisdictions for various types of cases
 - HTML,CSS,NodeJS,GIT,PostgreSQL

SKILLS

- **Languages:** C, C++, JavaScript, HTML, CSS
- **Frameworks:** NodeJS, ReactJS, Bootstrap
- **Tools:** GIT, PostgreSQL
- **Platforms:** Web, Windows
- **Soft Skills:** Leadership, Event Management, Writing, Time Management

CERTIFICATIONS

- **Certification Name::** Successful Completion of Basics of Electronics and Mechanical Certification

ACHIEVEMENTS

- **Siemens Scholar:** Siemens Scholarship Program based on German Dual Education System 2022-2026
 - Top 200 students from India are selected based on their performance

OTHER INTERESTS/EXTRACURRICULAR ACTIVITIES

- Football