

Manik Mattoo

Electronics and communication
Engineer

Personal details



Manik Mattoo



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dwarka new delhi
110059 new delhi



May 25, 2004



Manik Mattoo



Passport no. Y1911987

About

An Electronics and communication student who is involved in the invention, design, construction and operation of electronic systems and devices, having good knowledge in electrical circuits in endless application and involved in the developed research work to update the technology. Eager to apply theoretical knowledge and technical skills in a dynamic environment, contributing to innovative solutions and advancing communication technologies. Committed to continuous learning and professional growth in the field.

Skills

- Communications skills
- Critical Thinking
- Troubleshoot electronic components
- Project management
- Design and build electronic circuits and components
- Knowledge of electrical engineering principles and concepts

Education

Bachelor of technology BTECH (Electronics and communication engineering)

Aug 2023 - Present

MAHARAJA SURAJMAL INSTITUTE OF TECHNOLOGY (GGSIPU), New Delhi
Grade :- 7.54 (till 5th sem)

Diploma in Electronics and communication

Jun 2020 - Jun 2023

Pusa institute of technology, new delhi
Grade:-8.0

Passed 10th from CBSE

Apr 2019 - Apr 2020

Vishwa Bharati Public School dwarka new delhi, New delhi

Internship Experiance

Internship Trainee

Jun 2022 - Aug 2022

DRDO(Defence research development organisation)

Learned About :-

- RFID(Radio frequency identification)
- SAW Devices (surface acoustic waves)
- Transciever

Internship Trainee

Jun 2024 - Aug 2024

CSIR-NPL (Counsil of scientific and industrial research-National physical lab)

Learned about:-

- Quadrifiler (Characterization of Precise Quadrifiler Resistance Standard)
- Servo Motor (AC/DC)
- Measurement setup for strain and stress induced response in e-textile material

Internship Trainee

Sep 2024 - Nov 2024

Electronics Hive Pvt.ltd

Learned about:-

- Embedded Systems
- PCB Designing

R&D Engineer Trainee

Jan 2025 - Mar 2025

Nokia Solutions pvt.ltd, Haryana

Learned about:-

- Embedded Systems
- PCB Designing
- Antenna Troubleshooting
- bugging/debugging

Certificates

LOR(Letter of recommendation) from CSIR

Done project on Measurement setup for strain and stress induced response in e-textile material

Microsoft AI skill challenge

Jun 2024

Personal Projects

WATER LEVEL INDICATOR

Developed water level indicator with the help of leds, BC547transistor, resistors and buzzer

RAINFALL DETECTOR SYSTEM

developed rainfall detector system with the help of BC547 transistor , buzzer and LEDs

SCROLLING DISPLAY

developed scrolling display with the help of Node mcu ,dot matrix display,3.7v battery)

RFID ATTENDANCE SYSTEM

developed using Node MCU,RFID SENSOR,BUZZER, RFID TAGS

Extracurricular activities

IEEE core hardware member MSIT

IEEE MSIT

Present

Student coordinator in Alumni student committee MSIT

Alumni student committee MSIT

Present

Social Media manager

Unnat bharat abhiyan society MSIT

Jun 2024 - Present

Achievements

2nd position in Badminton in DSEU Campus

3rd position in racing 100meter DSEU Campus