

Sujit Kumar

Electronics and Data Science Student

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SUMMARY

First-year Electronics and Data Science student with basic experience in programming and electronics. Have worked with Python, MATLAB, ESP32, Arduino Uno, and Arduino Nano while exploring different areas of technology through coursework and personal projects.

EXPERIENCE

Freelance Projects

Mar '25 — Apr '25

LeoRon World

Remote

LeoRon World is a football-focused startup founded by IIT Delhi students.

- Fantasy Sports Platform Analysis: Analyzed 10+ fantasy/prediction platforms; created detailed reports, Excel analysis, and a summary presentation.
- App Feature Strategy: Proposed new features and a roadmap to expand LeoRon World into a complete football ecosystem with predictions, fantasy, and engagement tools.
- UI/UX & Feature Improvements: Contributed to redesigning key sections including Home, Game Hub, Chat, Shop, and Profile to enhance user engagement.

EDUCATION

BS in Data Science & Applications, Indian Institute of Technology, Madras

May '25 — Present

B.Tech in Electronics and Communication Engineering, Shri Mata Vaishno Devi University, Katra

Aug '25 — Present

TECHNICAL SKILLS

Programming Python, C, C++

Electronics & Embedded esp32, Arduino UNO, Arduino NANO

Tools MATLAB, KiCAD, Arduino IDE, AutoCAD, Fusion 360

Data Tools Spreadsheets / Excel

SOFT SKILLS

Problem Solving & Critical Thinking, Communication Skills, Teamwork & Coordination, Adaptability, Learning Mindset, Leadership

PROJECTS

WiFi Controlled Submarine (ESP32), Shri Mata Vaishno Devi University, Katra [Link](#)

- Built a small submarine using ESP32 that can be controlled from a smartphone through WiFi. Used a motor driver to control the motors and a web interface to control the submarine right underwater.
- **Technologies:** ESP32, Arduino IDE, WiFi, Motor Driver

Maze Solving Car (Arduino Nano), Shri Mata Vaishno Devi University, Katra [Link](#)

- Built a robot using Arduino Nano and ultrasonic sensors that can solve a maze automatically using the left-hand rule.
- **Technologies:** Arduino Nano, Arduino IDE, Ultrasonic Sensors, Motor Driver

CERTIFICATIONS

[Professional Soft Skills Learning Pathway](#), LinkedIn

Apr '25

AWARDS

[Battle Beneath The Wave](#)

Mar '26

EKATVA'26, SMVDU, 1st Position (Wifi Controlled Submarine)

[Maze Solver](#)

Mar '26

EKATVA'26, SMVDU, 2nd Position (Autonomous Maze Solving Robot)

[PCB Marathon](#)

Mar '26

EKATVA'26, SMVDU, 3rd Position (Designed and Fabricated a PCB)

LANGUAGES

English, Hindi