



## ETTI SINGH

B. Tech (Computer Science and Engineering)

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### PROFILE HIGHLIGHTS

- Intermediate in programming languages like C, C++, Python, HTML and CSS.
- I am passionate about IOT system and created projects on it.
- I achieved 1<sup>st</sup> position in Robo Race on Engineers' Day organized by Amity University Rajasthan.
- I achieved 2<sup>nd</sup> position in innovation day organized by Amity University Rajasthan.

### PROJECTS

#### A. Project Topic: Smart Navigation System

Organization: Amity University Rajasthan, Jaipur.

##### Brief Description:

- Built a safety-focused smart bike navigation system using ESP32 microcontroller.
- Integrated real-time GPS tracking for live navigation and theft prevention.
- Implemented automatic turn indicators using the MPU6050 sensor for hands-free signaling.
- Developed a web-based dashboard with Google Maps API for route planning and live tracking.
- Added an Emergency SOS feature to detect accidents and alerts hospitals and guardians with rider's live location.

### INTERNSHIP EXPERIENCE

N/A

### EDUCATIONAL QUALIFICATION

Qualification	University/School	Graduating Year	Percentage/GPA
2 <sup>nd</sup> Year (Up to 3 <sup>rd</sup> Semester)	Amity University Rajasthan, Jaipur	2024	7.78
12 <sup>th</sup>	RPS Public School, Rewari	2023	76.6%
10 <sup>th</sup>	RPS Public School, Rewari	2021	83.6%

### Technical Skills

- C, C++, Python3, HTML5, CSS, n8n, IoT, Hardware (Microcontrollers).

### SOFT SKILLS

- Learning Potential, Teamwork, Responsibility, Creativity.

### **CERTIFICATIONS COURSES/PROFESSIONAL TRAINING COURSES**

- OCI AI Foundations Associate (2025)

### **ACHIEVEMENT**

- Secured 1<sup>st</sup> position in Robo Race on Engineers' Day organized by Amity University Rajasthan.
- Secured 2<sup>nd</sup> position in innovation day organized by Amity University Rajasthan
- Senior Developer at RAIOT Lab (Robotic Automation and Internet of Things).

### **CO-CURRICULAR ACTIVITIES/PARTICIPATION**

- Participated in multiple national-level technical events and competitions at IIT Roorkee and IIT Jodhpur.

### **PERSONAL DETAILS**

Parent Name: D/O Mr. Devendra Singh

Date of Birth: 23/02/2005

Permanent Address: A-59 Bhagat Singh Colony, Bhiwadi, Alwar, Rajasthan

Other Languages known: German (Beginning proficiency), English (professional proficiency), Hindi (professional proficiency).

### **REFERENCES**

On Demand.