

Rajdeep Singh

Gmail: rajdeepsingh5272@gmail.com | Contact No : 7249928879

LinkedIn: linkedin.com/in/rajdeep-singh-ai-ml | GitHub: github.com/ RajdeepSingh5272 |

Portfolio : https://rajdeepsingh592.github.io/Rajdeep_portfolio/

Career Objective :-

Motivated and detail-oriented engineering graduate seeking an entry-level software development role where I can design, develop, and deliver high-quality software solutions. I aim to leverage my knowledge of programming, AI/ML, IoT, and full-stack development to contribute to innovative projects and real-world problem-solving. Passionate about continuous learning, I strive to enhance my technical skills, analytical thinking, and problem-solving abilities, while collaborating effectively in team environments. My goal is to contribute to impactful projects, mentor peers when possible, and grow into a professional who can drive meaningful technological solutions.

Education :-

B.Tech – Computer Science Engineering Specialization (AI/ML)

Bachelor of Technology (B.Tech) in Artificial Intelligence & Machine Learning, Moradabad Institute of Technology — Expected Graduation: 2026

Senior Secondary (Class XII)

Science Stream : Chitra Gupt Inter College, Civil Lines, Moradabad Year of Passing: 2021

Secondary (Class X)

Chitra Gupt Inter College, Civil Lines, Moradabad Year of Passing: 2019

Experience :-

Artificial Intelligence Intern

IBM – SkillsBuild Program |

1 September 2025 – 15 October 2025

Worked as an AI Intern at IBM – SkillsBuild Program (Sep – Oct 2025), building 3 AI projects using Python and Machine Learning, including data preprocessing, model training, and evaluation. Over the past 2 years, developed multiple Web, IoT, and Robotics projects, assisted peers in technical implementation, and led hackathon teams, coordinating design, development, and presentation.

Technical Lead / Co-Founder :-

College-Based Startup | 2.5+ Years (Ongoing)

Serving as a Technical Lead and Co-Founder at a college-based startup for over 2.5 years, I co-founded a tech startup focused on AI, IoT, Robotics, Web Development, and Software. I have led end-to-end project development, mentored team members, and delivered multiple academic and real-world projects. Over the past 2 years, I have developed multiple Web, IoT, and Robotics projects, assisted peers in technical implementation, and led hackathon teams, coordinating design, development, and presentation.

Participant :-

Participated in Internal Hackathons, ISRO Hackathon, and Shivalik Dehradun Hackathon, where I focused on problem-solving, rapid prototyping, and teamwork, contributing effectively to project development and presentations.

Machine Learning and Artificial Intelligence – 1-week(18 hours) training conducted at Moradabad Institute of Technology, organized by LogicPro -Infosystems,
29th April – 5th May 2025.

Skills :-

| | | | | | | |
|-----------------|-----------------|----------------|-----------------|---------------|--------------|----------------|
| Language | C | C++ | Python | Javascript | Sql | R basic |
| Web Dev | Html | Css | Fast API | React | Django | Flask |
| Aiml/iot | ML Algorithms | Model Training | Sensors | ESP Boards | Arduino | Automation |
| Database | MySQL | MongoDB | Firebase | DB Design | PostgreSQL | SQLite |
| Tools/Plateform | VS Code | pycharm | Arduino IDE | Git | Github | FireBase |
| Soft Skills | Public Speaking | Leadership | Time Management | Self Learning | Presentation | Quick Learning |

Projects :-

AgriCare Farming Monitoring System (web Interface and hardware setup)

IoT + AI based smart agriculture system with real-time soil moisture, temperature & humidity monitoring, automated irrigation alerts, mobile app control, and drone-based pesticide spraying.

Smart Health Monitoring System (Web app Interface)

IoT-based health monitoring using sensors to track heart rate, temperature, and oxygen levels with real-time data visualization, alert system, and database storage via a web dashboard.

Web-Based Student & Employee Management System

Full-stack web application using Python backend + MySQL database featuring CRUD operations, authentication, data visualization, and a responsive user interface.

Extracurricular Activities :-

MIT AI/ML Student Society | Head Coordinator

Organized tech-related events that tested and enhanced students' technical skills. Led competitions, evaluated performances, and awarded trophies and certifications to winners.

Literary Society (2023–2025) | Event Organizer & Graphic Designer

Actively contributed to literary events and activities, designed graphics, and played a key role in event management and execution.