

Rajdeep Singh
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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/Platform	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.