

# RAJAT KUMAR

📍 Kaithal, Haryana    ✉ rajatgopera16@gmail.com    ☎ +91-8168543103    in Rajat    🌐 Rajat

## SUMMARY

Passionate AI and Machine Learning specialist with strong problem-solving skills and enthusiasm for developing innovative, scalable solutions. Skilled in designing and implementing intelligent systems that address complex challenges. Committed to continuous learning and applying cutting-edge technologies to create impactful applications. Certified in critical analysis and database design with demonstrated ability to transform ideas into practical implementations.

## EDUCATION

<b>Chandigarh Group of College, Jhanjeri, Punjab</b>	09/2022-Present
<i>B.Tech in Artificial Intelligence &amp; Machine Learning — CGPA: 8.7</i>	
◦ <b>Relevant Coursework:</b> Data Structures, Cloud Computing, NLP, Distributed Systems	
<b>Shiv Shiksha Niketan Sr Sec School, Sanghan</b>	2021
<i>Senior Secondary (Non-Medical) — 96.6%</i>	
<b>Shiv Shiksha Niketan Sr Sec School, Sanghan</b>	2019
<i>Secondary Education — 86.8%</i>	

## PROJECTS

<b>AI-Powered Career Advisor (Python/Flask)</b>	2023
◦ NLP system providing personalized career recommendations with 85% accuracy	
◦ Integrated LinkedIn API for real-time skill gap analysis	
<b>Weather Forecasting System (React/OpenWeatherAPI)</b>	2023
◦ Real-time weather predictions for 200+ cities	
◦ Reduced API response time by 35%	
<b>NLP Customer Support Chatbot (TensorFlow)</b>	2024
◦ Achieved 91% accuracy in query resolution	
◦ Handled 500+ daily queries with sentiment analysis	
<b>Smart Finance Tracker (Python/Django)</b>	2023
◦ Budget prediction system with 88% accuracy	
◦ Integrated SMS alerts for expense thresholds	
<b>MARS Rover Control System (C++/Bluetooth)</b>	2022
◦ Designed low-latency communication protocol (98% efficiency)	
◦ Implemented obstacle avoidance algorithms using sensor fusion	

## INTERNSHIPS

<b>ACMEGRADE — AI Research Trainee</b>	07/2024-08/2024
◦ Developed NLP models for sentiment analysis with 92% accuracy	
◦ Automated data pipelines using Python, reducing processing time by 40%	
◦ Collaborated on AI-powered recommendation systems	
<b>IIT Kanpur — Full Stack Developer Trainee</b>	06/2024-07/2024
◦ Developed 5+ web applications using MERN stack, improving user engagement by 40%	
◦ Integrated Payment Gateway and Google Maps APIs, reducing checkout time by 25%	

## SKILLS

---

### Programming Languages

- Python, Java, C, C++, SQL

### Web Technologies

- **Frontend:** React, HTML5, CSS3, AJAX, Chart.js
- **Backend:** Node.js, Express, Flask, Django, JavaScript (ES6+)

### Databases

- MongoDB, Oracle, SQL Server

### Tools & Platforms

- AWS EC2, Git, Postman, TensorFlow, Tableau

### Concepts

- REST APIs, CI/CD, Agile Development, Data Modeling, Machine Learning

### Soft Skills

- Problem Solving & Critical Thinking
- Team Collaboration & Leadership
- Effective Communication
- Time Management
- Adaptability to New Technologies

## CERTIFICATIONS

---

- MERN Stack Developer - IIT Kanpur 2024
- HP Life: Data Science & Analytics 2024
- MongoDB University: Introduction to MongoDB 2023
- ACMEGRADE: Artificial Intelligence 2024

## ACHIEVEMENTS

---

- Smart India Hackathon - Developed App for direct market access for Farmers 2024
- HackerRank Python (3-Star) 2024