

# K.RISHI KUMAR

ML Developer

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## ABOUT ME

I am an aspiring ML and AI Developer currently pursuing a B. Tech in AI & Data Science, with a strong interest in building intelligent and impactful solutions. I have hands-on experience in machine learning, object detection, IoT-based systems, and integrating AI models into real-world applications. I also develop web applications using Flask, allowing me to create interactive platforms that showcase AI functionalities. I am passionate about continuous learning, exploring innovative ideas, and applying advanced AI techniques to solve practical problems.

## EDUCATION

**ROYAL PARK SCHOOL, SALEM**  
10<sup>th</sup> - 12<sup>th</sup> (Math-computerScience)

2020-2021

**MAHENDRA ENGINEERING COLLEGE**  
B.Tech (Artificial Intelligence & Data Science)  
CGP-8.48

2022-2026

## SKILL

- python
- pandas
- Machine Learning
- IoT (Arduino)
- Communication
- Flask & Django

## WORK EXPERIENCE

### Nebula Training Systems – IoT Intern

**JANUARY 2025 – FEBRUARY 2025**

During this internship, I explored the world of embedded systems and IoT by working with various Arduino boards and sensors. I contributed to real-time smart solutions like home automation systems and smart street lights, learning how to code and debug hardware-driven projects.

- Integrated GSM modules to send real-time updates via SMS
- Demonstrated projects successfully with live hardware simulations.

### Mindful AI – Machine Learning Intern

**March 2025 – May 2025**

At Mindful AI, I worked on building AI-powered tools and applications using large language models. My role focused on developing smart systems such as chatbots, virtual interviewers, intelligent task planners. I gained hands-on experience with modern AI frameworks and enhanced my skills in deploying ML solutions for real-world use cases.

- Collaborated with team members to structure ML pipelines and improve project efficiency.
- Integrated OpenAI APIs for natural language understanding and task generation.

## PROJECTS

- Virtual Keyboard Using OpenCV
- Surveillance System Using Machine Learning
- Language Translator Using LangChain
- Smart Shopping Cart Using GSM and RFID