

SHALINI

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SUMMARY

Driven and passionate **Artificial Intelligence and Data Science** student at **R.M.K College of Engineering and Technology**, with a strong interest in **cutting-edge technologies** like AI, Cloud Computing, and Data Science. Committed to exploring **innovative solutions** that optimize performance and enhance user experiences. Focused on leveraging AI for **data-driven insights, automation, and intelligent systems**. Enthusiastic about problem-solving and continuous learning, aiming to contribute to **meaningful advancements in technology**.

EXPERIENCE

My role involved understanding AI applications in autonomous vehicles and electric vehicles while leveraging AI models for data analysis.

Worked as an AI Intern at Tata Motors (Gokulam Motors).

July 2024 - July 2024, Arumbakkam, Chennai

- Familiarized myself with **AI-driven processes** in **autonomous and electric vehicles**.
- Explored AI technologies used in the automotive industry.
- Conducted **data analysis and predictive modeling** using AI techniques.
- Created an **analytics report** using AI models to extract insights from vehicle-related data.

PROJECTS

Healthcare AI

Developed an interpretable AI model for healthcare predictions, ensuring transparency in decision-making for disease diagnosis and patient outcomes

Fake News Detection with NLP

Implemented an NLP-based system for accurate detection for fake news, utilizing sentiment analysis, text summarization

AI-Driven Fashion app

Explored creative AI by developing a GAN-based system for unique and visually appealing fashion generation

Drowsiness Detection System

Developed a system using Machine learning to detect signs of driver drowsiness. Overall, this project highlights the potential of Machine learning in enhancing road safety by detecting driver drowsiness

EDUCATION

Bachelor of Technology

R.M.K College of Engineering and Technology • Puduvoyal, • 2026 • 8.81

• Hackathon & Competitions:

- Participated in multiple AI and ML hackathons, working on innovative problem statements.
- Developed AI-driven solutions for healthcare, sustainability, and automation.

• Research & Innovation:

- Passionate about AI research and development, exploring Generative AI applications in NLP and Computer Vision.
- Working on AI-powered solutions for autonomous systems and real-world automation.

• **Languages Known:** English, Telugu, Tamil.

CERTIFICATIONS

- Introduction to Machine Learning in AWS
- Introduction to Generative AI – Google
- Large Language Models – iNeuron
- Deep Learning – iNeuron
- Demystifying Networks – Nptel
- Python for Data Science - Nptel

SKILLS

Python , C++ , SQL , Machine Learning , Deep Learning , Generative AI , Large Language Models (LLMs), Computer Vision, Natural Language Processing , AWS , Apache Hadoop, Docker , Kubernetes , HTML , CSS , PostgreSQL , Database Management Systems , Power BI , Excel , Communication , Teamwork , Problem-Solving