RATHESHVER S

ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING STUDENT

CONTACT

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SOFT SKILLS

- Teamwork
- Time Management
- Leadership
- Problem Solving
- Critical Thinking

TECH SKILLS

- Java
- Python
- SQL
- Machine Learning
- Web Development

LANGUAGES

- English
- Tamil
- Kannada (intermediate)

PROFILE

I am a final year student pursuing Artificial Intelligence and Machine Learning at Rajalakshmi Engineering College. Passionate about AI-driven solutions, I have experience working with ML models and programming in Python, Java. Additionally, I have a keen interest in web development and problem-solving. Always eager to learn and apply innovative technologies to real-world challenges.

EDUCATION

B.Tech   2022-2026
RAJALAKSHMI ENGINEERING COLLEGE
CGPA: 8.10 (upto 7th semester)

HSC   2020-2022
SETHU BHASKARA MATRIC.HR.SEC.SCHOOL
PERCENTAGE: 94.67%

SSLC   2019-2020
SETHU BHASKARA MATRIC.HR.SEC.SCHOOL
PERCENTAGE: 92%

PROJECTS

HOSPITAL READMISSION PREDICTION SYSTEM
Developed a Hospital Readmission Prediction System that predicts patient readmission using features like age, medical history, and lab results, with XAI integrated to explain prediction factors, improving medical decision-making and helping reduce avoidable readmission.

AI Notes Generator using Generative AI
Developed a GenAI-based application that converts academic PDF documents into structured, exam-oriented study notes and important questions. Implemented text extraction and chunking to handle large documents efficiently. Integrated a locally hosted LLaMA model using Ollama to enable offline, cost-free AI inference.

INTERNSHIP

AI Research Intern – Mizoram University (6 Weeks - Online)

- Developed components of an AI-driven health diagnosis system using machine learning techniques.
- Assisted in research experimentation, result analysis, and documentation for a conference paper under submission.