RAHUL R N

+91 9363207281 rahulrnsr@gmail.com LinkedIn GitHub

OBJECTIVE

A 3rd-year AI/ML Engineering student with a strong foundation in Python, Machine Learning, and frameworks such as TensorFlow. Passionate about leveraging AI to solve real-world challenges. Looking for an AI internship to apply my skills in innovative projects, deepen my expertise, and collaborate with industry professionals to build impactful solutions.

EDUCATION

B.Tech in Artificial Intelligence & Machine Learning,
Sri Shakthi Institute of Engineering & Technology — **Expected 2026**
CGPA: 7.8/10 — Tamil Nadu, India

SKILLS

Programming Languages	Python, SQL
Frameworks/Libraries	NumPy, Pandas, Scikit-learn, TensorFlow, Flask, FastAPI
Databases	SQLite, MySQL
Developer Tools	Git/GitHub, Docker, Selenium, LabelImg, Postman, AWS, LLM APIs, CI/CD
Academic Coursework	MLOPS, Data Structures, Operating Systems, CN, OOP, DBMS
Certifications	GitHub Professional Certificate | AI/ML, Deep Learning, NLP, Generative AI, Agile, Scrum (Infosys Springboard) | Docker Foundations | Python Data Structures (Univ. of Michigan)

EXPERIENCE

Infosys Springboard | Artificial Intelligence Intern | Remote — **Nov 2024 – Jan 2025**

- Designed and implemented a Regulatory Compliance Checker for legal contracts using AI, NLP, and Retrieval-Augmented Generation (RAG), enhancing accuracy and relevance in clause analysis.
- Leveraged ChromaDB for efficient semantic search and vector-based document retrieval to support RAG pipeline integration.
- Utilized Python and custom-trained AI/ML models to automate the extraction, classification, and validation of legal clauses, enabling scalable and auditable compliance workflows.
- Collaborated in an Agile environment, contributing to CI/CD pipelines, sprint reviews, and continuous process improvements.

PROJECTS

- **Machine Vision for Quality Inspection of PCBs:** Developed a real-time PCB fault detection system using YOLOv8 and NVIDIA DeepStream SDK. Integrated Docker to optimize deployment, improving detection accuracy and scalability. (Project Link)
- **Detection Of Disease in Humans:** Created a Flask application that predicts risks of heart disease, diabetes, breast cancer, and brain tumors using advanced ML algorithms. Provides personalized risk assessments and early warnings. (Project Link)
- **End-to-End E-commerce Platform:** Developed a comprehensive e-commerce application using Flask, covering data preparation, model training, and deployment. Features real-time predictions and a user-friendly interface, deployed via Heroku and Docker. (Project Link)

EXTRA-CURRICULAR

- Semi-finalist in the Zoho Cliqtrix 2025 Bot Building Contest, showcasing bot development and collaborative problem-solving.
- Completed MLOps training at Rampex Technologies, gaining insights into model deployment, monitoring, and automation workflows.