

RAJESH KUMAR K

Bengaluru, Karnataka, India

📞 +91 7975590933

✉️ oxihigh@gmail.com

LinkedIn linkedin.com/in/rajeshkannumukkala

GitHub github.com/Oxihigh

Summary

A final-year Information Science and Engineering student and Red Hat Certified System Administrator seeking a Software Engineer Internship at Red Hat. Eager to apply a strong foundation in Python, Linux systems, and AI to contribute to projects involving Red Hat Enterprise Linux (RHEL) and AI, while learning from senior mentors in a collaborative, open-source environment.

Education

Jyothy Institute of Technology

Bachelor of Engineering in Information Science (CGPA: 7.5)

Bengaluru, India

Aug 2022 – Present

SSMRV PU College

Pre-University Course – PCMCs (Percentage: 85%)

Bengaluru, India

Jun 2020 – Mar 2022

Skills

Technical Skills: React, RedHat Linux ,Python, C/C++, PyTorch, Tenserflow, OpenCV, Git, FastAPI, LangChain, Redhat Ansible.

Soft Skills: Public Speaking, Leadership, Team Collaboration, Project Management, Effective Communication, Mentoring

Projects

Histopathology-based Tumor Detection

- Built a end to end pipeline of YOLO and a bcosified resnet50, which is inherently interpretable.
- Gained hands-on expertise in medical image preprocessing, handling severe class imbalance and learnt the value of interpretability for AI in health care

Multi purpose chatbot

- Developed an AI-powered chatbot using LangChain, Cohere LLMs, and FAISS, enabling retrieval-augmented generation (RAG) for context-aware responses.
- Built a Streamlit interface supporting chat history, embeddings, and scalable text chunking for domain knowledge queries.

Certifications

- RedHat Certified System Administrator
- Toastmasters International – Innovative Planning Pathway

Awards and Recognitions

Toastmasters international

- First place at club-level International Speech Contest.
- Third place at area-level International Speech Contest.
- Leader of the Term at Republic of Toastmasters.
- Triple Crown award recipient.

Rotary International(Rotaract President[2024-25])

- Aspiring Club for 3rd Quarter – RY 2024-25.
- Best Club Service Project award.
- People's Choice – Redefining Rotaract Initiative.

Hobbies

- Volunteering for social causes
- Public Speaking
- Reading Poetry