VISHWAS RACHARLA

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CAREER OBJECTIVE

Dynamic and proactive Computer Science Engineering (AIML) student currently in 3rd year with a strong background in Programming, Full Stack Development, and a solid understanding of Data Structures, Machine Learning, Deep Learning and Software Development Life Cycle (SDLC). Eager to apply analytical skills and problem solving abilities to real world software engineering challenges. Actively seeking internships or full time roles in Full Stack Development, AI or Software Development with a passion for innovation in technology.

EDUCATION

Bachelor of Engineering (BE) **2022 - Present — Hyderabad**
Computer Science and Engineering (AIML)
Neil Gogte Institute of Technology, CGPA: **9.15**

Intermediate **2020 - 2022 — Hyderabad**
Sri Chaitanya Junior College, Percentage: **93.2%**

Secondary Schooling **2020 — Hyderabad**
Sri Chaitanya Junior School, CGPA: **10**

PROJECTS

Automated Student Counting in Classroom (2025) ResNet50(**RNN**), PyTorch, Flask, React.js
Developed an automated student counting system using **ResNet50** and **transfer learning** for real time detection of students in a classroom, enhancing accuracy and efficiency.

Dine Insight (2024) NLP, ML model, Python, Flask, React.js
Developed a restaurant review sentiment analysis system using **NLP** and **Machine Learning**, leveraging Supervised Learning techniques for accurate sentiment classification.

Automated Recipe Generator (2024) Llama 2, MongoDB, Express.js, React.js, Node.js, APIs
Developed a Chatbot, an automated recipe generator system using **Llama 2 LLM** that generates meal ideas based on available ingredients. Fine tuned the LLM with large-scale, real time datasets to optimize text generation performance. Designed an intuitive UI with React to enhance user experience.

SKILLS

Programming Languages	: Java, Python, JavaScript, C
Web Technologies	: HTML, CSS, React.js, Express.js, Node.js, Flask, Chakra UI
Database	: MongoDB
AI & ML	: Deep Neural Networks, NLP, Supervised and Unsupervised Learning
Libraries	: PyTorch, Tensorflow, Keras, Scikit learn, NumPy, Pandas
Tools	: GitHub, VS Code, Colab
Soft Skills	: Problem Solving, Adaptability, Leadership, Teamwork

CERTIFICATIONS AND HACKATHONS

Machine Learning Certification from Udemy — certificate	Udemy — 2024
NPTEL Elite Certification in Java Programming — certificate	NPTEL — 2024
Krithoathon 2.0 hackathon — certificate	VNR VJIET — 2024
BITS Pilani hackathon — certificate	BITS Hyd — 2024
Matrusri Hackathon — certificate	Matrusri — 2024