

## **\*\*R NISHANTH\*\***

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## **\*\*SUMMARY\*\***

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Highly motivated and results-oriented recent Computer Science graduate with a strong foundation in data science, machine learning, and software development. Proven ability to design, develop, and deploy AI-driven solutions, optimize models for enhanced efficiency, and integrate AI into existing systems. Seeking an entry-level position to leverage analytical and problem-solving skills to contribute to a dynamic team.

## **\*\*EDUCATION\*\***

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**\*\*Bachelor of Technology (B.Tech), Computer Science and Engineering\*\*** | KG Reddy College of Engineering and Technology, Hyderabad | 2021 - 2025 | CGPA: 3.04/4  
\* Relevant Activities: Member of AI&ML Club, Member of KASE Innovation Cell

## **\*\*TECHNICAL SKILLS\*\***

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**\*\*Programming Languages:\*\*** Python (Pandas, NumPy, Scikit-learn), C, C++, Java  
**\*\*Machine Learning:\*\*** TensorFlow, PyTorch, Keras, Scikit-learn, MLOps, Hugging Face, EfficientNet, FAISS  
**\*\*Databases:\*\*** MySQL, SQLite3  
**\*\*Data Visualization:\*\*** Matplotlib, Seaborn, Power BI  
**\*\*Web Technologies:\*\*** HTML, CSS, Flask, Django, REST APIs  
**\*\*Other Skills:\*\*** Git, GitHub, Web Scraping, Data Analytics, Software Development, Model Optimization, Algorithm Design, Problem-Solving, Agile Methodologies

## **\*\*PROJECTS\*\***

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**\*\*Japanese to English Translator using MBART:\*\***  
\* Developed a Flask-based NLP application achieving a 92 BLEU score for accurate Japanese-English translations.  
\* Optimized inference speed by 35% using quantization and multi-threading.  
\* GitHub: [github.com/Nishanth-nishu/japtoeng](https://github.com/Nishanth-nishu/japtoeng)

**\*\*AI-Driven Glycemic Risk Prediction System:\*\***  
\* Built a machine learning model with 88% accuracy to predict diabetes risk from patient health records.  
\* Implemented a customized recommendation system, increasing patient engagement by 50%.  
\* GitHub: [github.com/Nishanth-nishu/diabetic-prevention-](https://github.com/Nishanth-nishu/diabetic-prevention-)

**\*\*License Plate Detection and Recognition:\*\***  
\* Developed an OCR-based license plate detection model with 95% accuracy.  
\* Deployed as a real-time web application, reducing manual verification time by 80%.  
\* GitHub: [github.com/Nishanth-nishu/licence-plate-detection](https://github.com/Nishanth-nishu/licence-plate-detection)  
\* Live Demo: [huggingface.co/spaces/Nishur/licensed](https://huggingface.co/spaces/Nishur/licensed)

## **\*\*ACHIEVEMENTS\*\***

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- \* State-Level Technical Fest - Runner-Up
- \* IEEE National-Level Project Expo - Participant
- \* Python Data Science Training & Hackathon (30+ hours)
- \* Full-Stack Python Internship - Swecha Telangana (Developed and deployed a Django-based web application for data visualization; Optimized database queries, reducing API response time by 50%.)

## **\*\*LEADERSHIP AND EXTRA-CURRICULAR ACTIVITIES\*\***

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- \* Admin of Telegram Community (70+ members): Curated AI research papers, improving member engagement by 60%.
- \* Head of AIML Club (Treasurer): Organized 5+ workshops with 100+ attendees, increasing club participation by 40%.

