

## \*\*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, demonstrating expertise in model optimization, algorithm implementation, and system integration. Seeking an entry-level accounting internship to leverage analytical and problem-solving skills in a challenging and rewarding environment. Eager to contribute to a team and learn practical accounting principles.

## \*\*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

## \*\*SKILLS\*\*

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

## \*\*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 recommendation system (simulated Gemini AI functionality) for customized lifestyle recommendations, increasing simulated 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 simulated 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)

## **\*\*EXPERIENCE\*\***

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- \*\*Oracle APEX Application Trainee\*\*** | ProwessIQ Information Systems Pvt Ltd | Chennai, India | Feb 2025
- \* Engineered an image-based recommendation system using EfficientNet and FAISS, improving search accuracy by 40%.
- \* Integrated AI-driven recommendations into Oracle APEX, enhancing database performance by 30%.
- \* Optimized enterprise AI solutions, reducing processing latency from 5 seconds to 2 seconds per image fetching.

## **\*\*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%.

