

R NISHANTH

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SUMMARY

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, optimizing models for enhanced efficiency and measurable business impact. Seeking an entry-level position to leverage analytical and problem-solving skills in a challenging and rewarding environment.

EDUCATION

****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

****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:**** Git, GitHub, Docker, Data Analytics, Web Scraping, Agile Methodologies

PROJECTS

****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

****AI-Driven Glycemic Risk Prediction System:****
* Built a machine learning model with 88% accuracy to predict diabetes risk from patient health records.
* Implemented a personalized recommendation system (simulated Gemini AI functionality) increasing patient engagement by 50%.
* GitHub: 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
* Live Demo: huggingface.co/spaces/Nishur/licensed

****EXPERIENCE****

- **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.

****AWARDS AND RECOGNITION****

- * 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 (Django web application development, database optimization resulting in a 50% reduction in API response time)

****LEADERSHIP AND EXTRA-CURRICULAR ACTIVITIES****

- * 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%.

