Enhanced Resume

R NISHANTH

+91 6302092732 * Hyderabad, India * nishanth0962333@gmail.com
linkedin.com/in/r-nishanth-/ * github.com/Nishanth-nishu * nishanth-nishu.github.io

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, demonstrating expertise in model optimization, algorithm implementation, and system integration. Seeking an entry-level position to leverage analytical and problem-solving skills to contribute to a dynamic team.

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 (Completed 30+ hours of intensive data science training and developed a predictive analytics model that improved event classification accuracy by 15%.)
* Full-Stack Python Internship - Swecha Telangana (Built and deployed a Django-based web application for data visualization; optimized database queries, reducing API response time by 50%.)

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%.

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