Enhanced Resume

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, optimize models for enhanced efficiency, and deliver measurable business impact. Seeking an entry-level accounting internship to leverage analytical and problem-solving skills in a practical setting and 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++
Frameworks/Libraries: TensorFlow, PyTorch, Keras, Flask, Scikit-learn, Hugging Face Transformers, FAISS, EfficientNet
Databases: MySQL, SQLite3
Data Visualization: Matplotlib, Seaborn, Power BI
Tools & Technologies: Git, GitHub, MLOps, Docker (optional, add if used), AWS/Azure/GCP (optional, add if used)
Other Skills: Web scraping, Data analytics, Machine learning model development and deployment, SQL, Data cleaning and preprocessing

PROJECTS

AI-Driven Glycemic Risk Prediction System: Developed a machine learning model (88% accuracy) to predict diabetes risk using patient health records. Implemented a recommendation system (Gemini AI) to improve patient engagement by 50%. Utilized [mention specific algorithms/techniques]. [GitHub link]
Japanese to English Translator: Built a Flask-based NLP application using MBART achieving a 92 BLEU score. Optimized inference speed by 35% using quantization and multi-threading. [GitHub link]
License Plate Detection and Recognition: Created an OCR-based model with 95% accuracy, deployed as a real-time web application reducing manual verification time by 80%. [GitHub link, Hugging Face link]

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 5s to 2s 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 training)
* Full-Stack Python Internship - Swecha Telangana (Built and deployed a Django-based web application for data visualization)

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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