RUDRA BALA SUBRAMANYAM TAMMA

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PROFILE SUMMARY

I recently completed my post-graduation in MCA with a strong passion for software development. I possess both theoretical and practical knowledge of the software development life cycle. I am now seeking a challenging role where I can apply and expand my skills while contributing meaningfully to innovative software projects.

EDUCATION

Swarnandhra College of Engineering & Technology   **Narsapur, Andhra Pradesh**
Master of Computer Applications   2023 - 2025
CGPA: 7.7
Viswa Teja Degree College (AKNU)   **Penugonda, Andhra Pradesh**
Bachelors of Science (MPCs)   2019 – 2022
CGPA: 7.3

INTERNSHIP

➢ **DATAPOINT (DEEP LEARNING)**   Dec 2024 – Apr 2025
  Tools: Deep Learning, Python, Django, MySQL, Bootstrap, HTML, CSS.
  - A Python with Deep Learning internship helps you gain practical experience in building AI models. You'll work with tools like TensorFlow and PyTorch to create neural networks for tasks like image recognition and natural language processing. The internship involves cleaning data, optimizing models, and improving AI performance.
  - You'll also collaborate on real-world projects and stay updated on the latest deep learning trends. It's a great way to sharpen your coding skills and explore machine learning applications.

PROJECTS

➢ **Human Action Recognition Using Deep Learning Model**
  Tools: TensorFlow, PyTorch, OpenCV, Keras, Scikit-Learn, SQL, Django.
  - Developed real-time action recognition using ResNet-34 and transfer learning for images, videos, and live streams.
  - Preprocessed the Kinetics-400 dataset and trained a ResNet-34 model with transfer learning, achieving 95% accuracy in real-time action classification across diverse visual inputs.
➢ **E-Commerce Recommendation System Model Based on Cloud Computing**
  Tools: Pandas,Azure, MySQL, Django, Matplotlib, Seaborn, HTML, CSS.
  - Built a scalable cloud-based solution using data mining and machine learning to deliver personalized product recommendations and enhance user experience. Achieved an accuracy of 85% by efficiently processing large datasets within a robust infrastructure.

ACADEMIC ACHIEVEMENTS

- Certificate for the Completion of Python Training by Besant Technologies.
- Achieved certification of Cybersecurity Fundamentals issued by Palo Alto Networks.
- Certified with Java training under the prestigious Spoken Tutorial Project led by IIT Bombay.

SKILLS

Programming Languages: Python, HTML, CSS, MySQL, AI, ML, DL, NLP, RAG
Frameworks & Libraries: Django, TensorFlow, OpenCV, Scikit-learn, NumPy, Pandas, Bootstrap.
Application & Technical Skills: Application Testing & Validation, SDLC, Agile Basics, Application Support & Troubleshooting.
Hands-on Experience: Git, GitHub, Jupyter Notebook, API, SQL, Windows, CSV, JSON.
Soft Skills: Teamwork, Communication, Problem-Solving, Adaptability, Time Management.

LANGUAGES

English, Telugu