Aditi Damodar

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Summary

An aspiring AI Engineer specializing in Computer Vision and Machine Learning. Enthusiastic about applying classroom learning and gain hands-on experience in a dynamic and collaborative environment.

Technical Skills

- **Programming Languages**: Python, C, Java, HTML, CSS
- **Machine Learning & Deep Learning**: Supervised Learning, Unsupervised Learning, Convolutional Neural Networks (CNNs), Recurrent Neural Networks (RNNs), Transfer Learning
- **Computer Vision Tools & Libraries**: OpenCV, PyTorch, TensorFlow, Scikit-learn, Matplotlib
- **Data Science & Analysis**: Pandas, NumPy, Data Preprocessing, Feature Engineering, Model Evaluation
- **Web Development & Frameworks**: Django (Python), Node.js, Express.js, React.js, RESTful APIs
- **Databases & Visualization Tools**: MongoDB, Tableau, Power BI
- **Other Tools & Concepts**: GitHub, Data Structures and Algorithms

Education

KL University, Hyderabad *2023 – Present*
BTech program in Artificial Intelligence & Data Science
- CGPA: **9.87**/10 (4 Semesters)

Page Junior College, Hyderabad *2021 – 2023*
Intermediate Education from Telangana State Board
- Percentage: **96.8**%

Glendale Academy International, Hyderabad *2009 – 2021*
Primary & Secondary Education from Cambridge IGCSE
- Percentage: **85.5**%

Academic Research

Currently doing an academic research work on **Lymph Node Detection** in CT scans under the guidance of a faculty member. This Research paper would be published at the end of the UG program.

Research Internship

Started a research internship in the Vascular Department at **CARE Hospitals**, Hyderabad. It is centered on the application of AI-driven image analysis in vascular imaging studies.

Achievements

KLH Alumni Portal
As a academic project the portal was built using Django, Python, HTML & CSS.

Linguaskill from Cambridge
Obtained **C1 Grade** (equivalent to **IELTS 8.0**).

University Coding Assessment
Secured a cumulative score of **9.3/10** in the 3rd semester in the AI & DS department's weekly assessments.

Industrial Training
Undertook a 2-month training on Data Structure & Algorithms and problem-solving in Python.

Google AI/ML Virtual Internship
Completed the basics of TensorFlow, Product Image Search, Object Detection and Image Classification.

Certifications & Training

NPTEL Online Certification
Machine Learning and Deep Learning (Fundamentals and Applications).

GitHub Foundation Certification
Obtained this global certification from GitHub.

Google Gen AI Course
Completed this introductory online course offered by Google & Kaggle.

E-Cell (IIT Hyderabad) & Techobytes
Attended AIoT Workshop: When AI meets IoT (Home Automation).

Tinkerer's Lab (IIT Hyderabad) & World Technocon
Completed GenAI Mastery program.

Extracurricular

Vice President, **Student Activity Club** at KL University.
Anchored various events in School and University.
Radio Jockey at **KLH Radio** in the 1st Year of BTech.

Interests

Enjoy writing, reading books, and listening to music.

Languages

English, Hindi, Telugu, Kannada, Tamil and Malayalam.