Yash Pandey

yashpandey240909@gmail.com❖ +91 8890241760 ❖ Vadodara, GJ

WORK EXPERIENCE

Coding Junior *Bengaluru, KA*

Artificial Neural Networks intern *April 2025 – Present*

- Gained practical experience in building and training artificial neural networks using Python and deep learning frameworks such as TensorFlow and PyTorch, focusing on tasks like image classification and sentiment analysis.
- Contributed to real-world projects involving data preprocessing, model tuning, and performance evaluation, strengthening my understanding of ANN architectures and their applications in modern AI solutions.

Protosight *Bengaluru, KA*

Computer Vision intern *April 2023 – July 2023*

- Developed and optimized computer vision **models** for tasks such as object detection, image segmentation, and feature extraction using OpenCV, PyTorch, and deep learning frameworks.
- Collaborated on real-world CV projects, implementing preprocessing pipelines, annotating datasets, and evaluating model performance to meet project-specific accuracy and efficiency benchmarks.

EDUCATION

Parul University of Technology

B. Tech, Computer Science with Artificial Intelligence *Vadodara, GJ*

- Relevant Coursework: Data Structure, and Algorithms, OOP, System Design, Software testing, Computer Architecture, Compiler Design, Computer Networks, Web Development, AI, ML, Deep learning, Image processing and Pattern recognition.

LEADERSHIP, SKILLS & INTERESTS

- **Frontend:** HTML5, CSS3 and JavaScript
- **Backend:** Django, Flask, Python, MongoDB
- **AI/ML: A**rtificial Intelligence, Machine Learning, Deep Learning, Generative Models, Reinforcement Learning, Computer Vision, Natural Language Processing, TensorFlow, PyTorch, Scikit-Learn, pandas, NumPy
- **Others:** AWS, Docker, Kubernetes, and Git
- **Interests:** I like to code, design and ideate things, Playing single player games and some multi player with my friends.

PAST PROJECTS

- **Emotion Detection in Text using NLP:**
  - Developed an emotion detection model for text using Natural Language Processing techniques, including tokenization, lemmatization, and sentiment analysis.
  - Implemented machine learning algorithms to classify emotions in text data, achieving high accuracy on labeled datasets.
- **River Garbage Detection Robot:**
  - Designed and developed a river garbage detection robot using sensors and computer vision to identify and locate waste in water bodies.
  - Implemented real-time object detection algorithms to enhance environmental monitoring and support automated cleanup efforts