Anand Shah

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Education

Bhartiya Vidya Bhavans' Sardar Patel Institute of Technology	Nov. 2022 – May 2026
B.Tech in Computer Engineering (CGPA: 6.87)	Mumbai, Maharashtra
NMFC, Kandivali(East)	May. 2020 – July 2022
Class XII (Percentage: 79%)	Mumbai, Maharashtra
SHAIS, Kandivali(West)	June. 2010 – July 2020
Class X (Percentage: 84.67%)	Mumbai, Maharashtra

Competitive Exam Performance
- JEE MAINS 2022: 98.105 percentile
- CET 2022: 99.526 percentile

Work Experience

Research Intern at IIT Madras — Reinforcement Learning — January 2025 - Current
- Currently working on reinforcement learning applications in advanced AI research
- Gained practical experience in implementing reinforcement learning algorithms

Projects

Image Classification using CIFAR-10 Dataset — Deep Learning, CNN — October 2024
- Developed a convolutional neural network (CNN) to classify images from the CIFAR-10 dataset
- The project utilized deep learning techniques to accurately categorize images into 10 distinct classes
- Fine-tuned hyperparameters to optimize model performance and reduce overfitting

Handwritten Digit Recognition using Neural Networks — TensorFlow — September 2024
- Developed a deep neural network using TensorFlow to classify MNIST handwritten digits
- Achieved high accuracy using multiple dense layers with appropriate activation functions

Fraud Detection Model — Machine Learning — August 2024
- Developed a fraud detection model using machine learning techniques to identify suspicious transactions
- The project utilized classification algorithms and feature engineering to improve detection accuracy
- GitHub: Fraud Detection Repository

SPIT Hackathon Combined Project — Web Development — March 2024
- Contributed to a collaborative project during SPIT Hackathon where the team secured second place
- Technologies used included web development frameworks and data analysis tools
- GitHub: SPIT Hack Repository

Achievements

- SPIT Hackathon - First Runner Up
- Participation at Parul Hackverse 2025

Technical Skills

Languages: C, C++, Java, Python, HTML, CSS, JavaScript

Frameworks/Technologies: Deep Learning (TensorFlow, PyTorch), Neural Networks, SVM, Random Forest, Image Processing