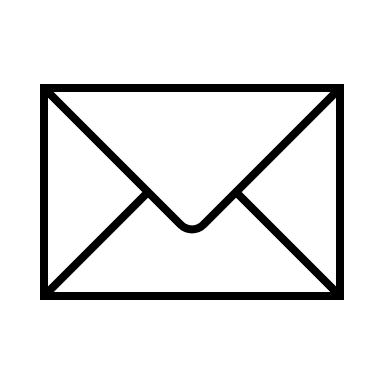
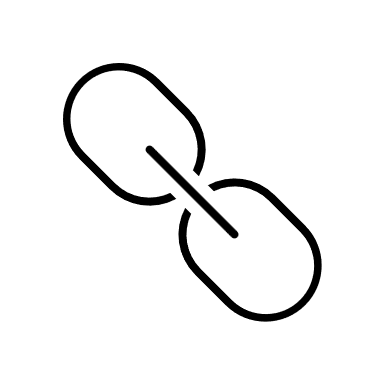
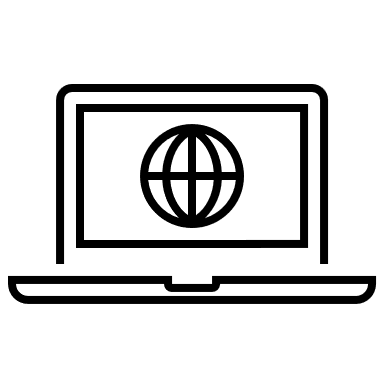
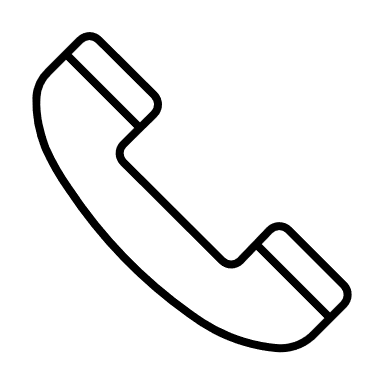
Hem Ajit Patel



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EDUCATION

### BTech IN COMPUTER ENGINEERING

Madhuben and Bhanubhai Patel Institute Of Technology Anand CVM UNIVERSITY

**June 2024 - June 2028**

CGPA – 9.0

### High School

CCIS | 2022 - 2024

Percentage – 74.80%

### Elementary School

SGVP | 2018 - 2022

Percentage – 82.40%

**COURSE WORK**

DEVELOPED AND OPTIMIZED ML MODELS FOR CLASSIFICATION, REGRESSION AND CLUSTERING TASKS USING PYTHON, TENSORFLOW AND SKITLEARN

COLABORATED IN A HACKATHON PROJECT FOCUSED ON REDUCING ERRORS BY REWARD LEARNING IN DATA SPIKES IN HEART RATE AND AUDIO

**Summary**

# Innovative Machine Learning Engineer with a proven track record at Infotech, specializing in reinforcement learning and neural network optimization. Expert in Python and TensorFlow, I excel in developing advanced models that enhance decision-making. A collaborative team player

**Societies and Clubs**

### PDC (Personality Development Cell)

### IEEE (Institute of Electronic and Electrical Engineers)

### ISTE (Indian Society For Technical Engineers)

### SSIP (Student Startup Innovation Policy)

**Technical Skills**

**Programming Languages:** Python, JS, C, SQL, C++

**Machine Learning Libraries:** TensorFlow, Keras, PyTorch, Scikit-learn, XGBoost

**Deep Learning:** CNN, RNN, LSTM, GAN, Autoencoders

**Data Science Tools:** Pandas, NumPy, SciPy, Matplotlib, Seaborn

**Database & Big Data Technologies:** MySQL, MongoDB, Hadoop, Spark

**Cloud Platforms:** AWS, Google Cloud Platform (GCP)

**Version Control & Collaboration:** Git, GitHub, Jupyter

**Other:** Docker, Kubernetes, Apache Kafka, REST APIs, TensorBoard

**Achievements**

Secured 6th position all over India in a national level Hackathon DevSummit 2025

Developed an AI powered firewall with 99.88% threat detection accuracy using CIC IDS 2017 dataset