# Contact Information

* hemxyzzz@gmail.com linkedin.com/in/hem-patel19 github.com/hemathens +919484966376
* Version Control & Collaboration: Git, GitHub, Jupyter
* Other: Docker, Kubernetes, Apache Kafka, REST APIs, TensorBoard

# Education

* 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%

# Experience

* COURSE WORK
* DEVELOPED AND OPTIMIZED ML MODELS FOR CLASSIFICATION, REGRESSION AND CLUSTERING TASKS USING PYTHON, TENSORFLOW AND SKITLEARN
* 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)

# Projects

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

# Skills

* 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)

# Achievements

* 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

# Others

* Hem Ajit Patel