Het Mehta

+917016405232 | mehtahet619@gmail.com | Portfolio | LinkedIn | Leetcode | Github | Bharuch,Gujarat

Competitions

ISRO IRoC-U '25 (Rs. 70,000 Raised, In Progress)
- Got shortlisted in 170 teams amongst 1,600 participating colleges for the ISRO Robotics Challenge 2025 for making an Autonomous Navigation System for Martian Terrain.

Experience

GeeksforGeeks | Remote
Campus Ambassador | 07/2024 - Present
- Organized events like Codevie and Codefest, engaging 200+ students.
- Collaborated with teams on outreach strategies improving event turnout by 30%.
- Conducted webinars, contributing to a 15% rise in enrollment inquiries.

Skills

Python, JavaScript, SQL, CNN, Neural Networks, LSTM, BERT, T5, LegalBERT, Spacy, ReactJS, NextJS, NodeJS, ExpressJS, Django, TailwindCSS, Flask, HTML5, CSS3, NextJS, MySQL, PostgreSQL, Supabase, MongoDB, RestAPI, FastAPI, Docker, CI/CD, Git, GitHub, Postman

Education

G H Patel College of Enginnering and Tech. | Anand,Gujarat
BTech Computer Science and Design | 07/2026
CGPA : 8.65

Leadership

CORE COMMITEE MEMBER of CSI-GCETSB: As a technical lead I coordinated and organized AWS workshop , and executed technical workshops like Docker,CI/CD for hands-on learning.

Projects

Carbon Footprint Tracker(Odoo 1st Runners up)

- Developed an AI-powered system to monitor and reduce industrial emissions in red-zone sectors.
- Achieved a 20% emission reduction via real-time IoT sensor integration and predictive modeling.
- Implemented CNN-LSTM models with 95.4% accuracy for multistep emission forecastingand enabled end-to-end CI/CD deployment for continuous updates .
- Link:https://github.com/virajwarhade/COMPETECODERS_47
  Tech Stack: Python, TensorFlow, Flask, React.js, Node.js, Supabase, IoT

Network Intrusion Detection System (NIDS)

- Built an AI-enhanced NIDS for real-time detection of anomalous and signature-based threats.
- Used Random Forest, XGBoost, and Snort for accurate classification and known threat coverage.
- Designed a CNN-LSTM-based time-series module to catch evolving attack patterns.
- Included real-time alerts, admin dashboard, and active threat prevention system.
  Tech Stack: Python, Flask, Scikit-learn, Wireshark, Snort, ELK Stack, CNN, LSTM, XGBoost

AI-Driven Research Engine for Commercial Courts
- Created an NLP-based legal research assistant using LegalBERT and T5 for smart document search.
- Enabled multilingual support.Boosted legal research speed, decision-making accuracy by 15%.
- Link:https://github.com/mehtahet619/AI-Driven-Research-Engine-for-Commercial-Courts
  Tech Stack: Python, LegalBERT, T5, SpaCy, Django, React.js, Elasticsearch, XGBoost