Divyansh Yadav

DEVELOPER ~ ENGINEER

PROFESSIONAL SUMMARY

AI/ML engineer with expertise in deep learning, computer vision, and cybersecurity. Developed quantum-based feature selection for ICU anomaly detection and ML-powered network intrusion detection. Experienced in facial recognition recognition. Skilled in Python, TensorFlow, and PyTorch. Passionate about AI-driven solutions.

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EDUCATION

Bachelor of Computer Science Specialization in AI-ML | 2023-2027
VIT Chennai
- Relevant Coursework:OOPS , DSA ,DBMS , OS , CN
- GPA: 8.7

PROJECTS

Quantum Computation-Based Feature Selection for ICU Anomaly Detection
Second Semester of 2025
- Utilized quantum computing-based feature selection to enhance model efficiency and accuracy.
- Implemented supervised and unsupervised feature selection techniques to improve predictive performance.
- Developed an AI-driven anomaly detection system for ICU patient monitoring.

Network Intrusion Detection Using Machine Learning
Second Semester of 2024
- Designed a machine learning-based intrusion detection system to identify cyber threats.
- Evaluated multiple classifiers, integrating deep learning and PCA for feature selection.
- Improved detection accuracy while reducing false positives for real-time security applications.

Facial Recognition with Supervised Learning
Second Semester of 2024
- Implemented a real-time facial recognition system using deep learning models.
- Utilized OpenCV, TensorFlow, and pre-trained models for feature extraction and classification.
- Enhanced accuracy through data preprocessing and hyperparameter tuning.

SKILLS

- Programming Languages: C ,C++ ,Python ,Java ,SQL ,HTML ,CSS ,JavaScript
- Technologies: Web Development ,Computer Vision ,Machine Learning ,Git ,Github
- Languages:Hindi , English , Japanese