

# NAVEEN PARMAR

Bhopal, Madhya Pradesh

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## EDUCATION

VIT Bhopal University, Madhya Pradesh

2022 – 2026

B.Tech - Computer Science and Engineering- **CGPA - 8.19**  
(Cyber Security and Digital Forensics)

Bhopal, Madhya Pradesh

Pushpa Higher Secondary School, Ashta, Bhopal, Madhya Pradesh

2019 – 2021

Central Board of Secondary Education(XII) - **Percentage - 76.6**

Bhopal, Madhya Pradesh

Pushpa Higher Secondary School, Ashta, Bhopal, Madhya Pradesh

2017 – 2019

Central Board of Secondary Education(X) - **Percentage - 74.4**

Bhopal, Madhya Pradesh

## PROJECTS

**Phishing URL Detection** — Python, JavaScript, Flask, Scikit-learn, Manifest.json

2025

- Developed a Chrome extension for real-time phishing URL detection using feature analysis and threat intelligence APIs.
- Built and optimized machine learning models (Random Forest, Gradient Boosting, AdaBoost) for malware detection, achieving **94.4%** accuracy on **138K** samples. accuracy in sentiment alignment during testing.
- Implemented a Flask-based web interface for real-time executable file analysis with entropy calculation and automated classification.
- Designed and integrated feature selection using ExtraTreesClassifier to identify critical PE header attributes, reducing features from **54** to **13** for improved model performance.

**Cyber Security against DeepFake AI Voice** — LLM, Langchain, Bigdata Module, TensorFlow, Neural Networks

2025

- Developed and enforced a deep learning-based system (CNN/RNN/Transformers) for detecting AI-generated voice deepfakes with **98.87%** accuracy, ensuring robustness against variations in audio quality, accents, and background noise .
- Engineered end-to-end pipeline for data preprocessing, feature extraction and model training.
- Deployed a real-time detection prototype with Streamlit and PyTorch for practical cybersecurity applications.
- Researched and executed solutions to combat fraud, misinformation, and voice-based impersonation attacks.

## COURSEWORK

- DSA
- Operating Systems
- OOPs
- Computer Networks
- Cyber Security
- Web Development
- DBMS

## TECHNICAL SKILLS

- Languages:** C++, Java, Python, SQL
- Technologies/Frameworks:** LLM, Langchain, Bigdata Module, React, TensorFlow, Neural Networks
- Databases:** MySQL, MongoDB, RDS, DynamoDB
- CyberSecurity Technologies:** Burp Suite, OWASP ZAP, Nmap, Metasploit Framework
- Developer Tools:** GitHub, VS Code, Chrome DevTools

## ACHIEVEMENTS

- Solved **100+** DSA Problems across all Coding Platforms.
- Successfully Completed **100** Days of Code.

## CERTIFICATIONS

- The Bits and Bytes of Computer Networking
- Oracle Certified Professional: Java SE 17 Developer