NAYAN A. PISE

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EDUCATION

VIT Bhopal University   2023 – 2027
B.Tech in Computer Science and Engineering (AI & ML)   *CGPA: 8.04*

PERSONAL PROJECTS

AI Mock Interview System

- Developed an AI-powered interview preparation tool that simulates real interview scenarios.

- The system evaluates candidate responses, provides instant feedback, and suggests improvements in communication and technical answers.

- Technologies: Python, Natural Language Processing (NLP), Machine Learning, Flask.

Heart Disease Prediction using Machine Learning

- Designed and implemented a predictive model to classify patients at risk of heart disease.

- Built and tested multiple ML models (Logistic Regression, Random Forest, SVM) to identify the most accurate algorithm.

- Technologies: Python, scikit-learn, pandas, NumPy, Matplotlib.

Signature Forgery Detection System

- Built an AI-based system to detect forged signatures using image processing and pattern recognition.

- Implemented feature extraction techniques and trained a classifier to differentiate between genuine and forged signatures.

- Technologies: Python, OpenCV, TensorFlow, Convolutional Neural Networks (CNN).

TECHNICAL SKILLS AND INTERESTS

Languages: C/C++, Python, JavaScript, HTML + CSS
Libraries/Tools: scikit-learn, Pandas, NumPy, OpenCV, TensorFlow
Web Development: Flask, React.js
Frameworks: React.js, Express.js
Databases: MySQL, MongoDB
Relevant Coursework: Data Structures and Algorithms, Operating Systems, OOP, DBMS
Areas of Interest: Artificial Intelligence, Machine Learning, Computer Vision, Web Development
Soft Skills: Problem Solving, Self-Learning, Team Collaboration, Presentation

POSITIONS OF RESPONSIBILITY

Core Discipline Member, Marathi Club - VIT Bhopal   2024 – Present

- Actively contributed in organizing cultural events and promoting Marathi culture across the university.

Member, Software Development Club - VIT Bhopal   2023 – Present

- Worked on collaborative software projects and participated in coding sessions and workshops.

Member, Null Club - VIT Bhopal   2023 – Present

- Engaged in cybersecurity and ethical hacking discussions, participated in knowledge-sharing activities.