Nageshwar Prashad Patel

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# Education

**Technocrats Institute of Technology** Bhopal, MP

*Bachelor of Technology - CSE (Specialization in Data Science); CGPA: 7.29 2022 – 2026*

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**Jawahar Navodaya Vidyalaya** Katni, MP

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*Class 12th, Percentage: 83.4% 2021 – 2022*

**Jawahar Navodaya Vidyalaya** Katni, MP

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*Class 10th, Percentage: 86.2% 2019 – 2020*

# Skills Summary

* **Languages & Tools**: Python, Java, SQL, Excel, Git, GitHub, Docker
* **Libraries & Frameworks**: NumPy, Pandas, Matplotlib, Seaborn, Scikit-learn, PyTorch
* **Expertise**: Machine Learning, Deep Learning
* **Databases**: MySQL

# Projects

* **Forest Fire Prediction Model:** Developed a robust application to predict the occurrence and intensity of forest fires using ensemble learning techniques.

# Model Evaluation and Performance:

* + - Implemented multiple models and achieved:

# Deployment and Visualization:

* + - Deployed the model using Flask, providing an interactive and user-friendly interface for real- time predictions and analysis.
    - Visualized key features such as temperature, humidity, wind speed, and rainfall to illustrate their impact on fire occurrence and spread.

# Technologies Used:

* + - Python, Pandas, NumPy, Scikit-learn, Matplotlib, Seaborn, Streamlit, Jupyter Notebook.

# Experience

* **Accenture**

*(Data Analysis and visualization) March 2024 – April 2024*

* + Completed a simulation focused on advising a hypothetical social media client as a Data Analyst at Accenture
  + Cleaned, modelled and analyzed 7 datasets to uncover insights into content trends to inform strategic decisions

# Coding Ninjas

*(Campus Ambassador) December 2023 – June 2024*

* I have developed my leadership skills and promoted coding within my community.
* creating a strong coding culture.

# Certifications

* *Microsoft Azure az-900*
* *Earned a Python Programming Certificate from CodeChef that covering practical application*
* *Hacker Rank Python(Basic) certificate*
* *Hacker Rank SQL(Basic) certificate*

# Achievements

* *Certificate of participation in Smart India Hackathon 2022-23*
* *I have successfully solved over 800+ coding challenges across prominent platforms, including*

***GeeksforGeeks****,* ***Leetcode****,* ***Codechef****,* ***Coding Ninjas.***