

Harsh Kotiwale

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EDUCATION

- **VIT Bhopal University, Bhopal, Madhya Pradesh**
Bachelor of Technology in Computer Science & Engineering
CGPA: 7.9 August 2021 – June 2025
- **JSPM Group of Institutions, Latur**
Higher Secondary Certificate (HSC)
Percentage: 82% 2021
- **Podar International School, Latur**
Secondary School Certificate (SSC)
Percentage: 86% 2019

SKILLS

- Data Science: Machine Learning, Deep Learning, NLP, Computer Vision
- Programming: Python, R, SQL, C++
- Data Analysis: Pandas, NumPy, Scikit-learn, TensorFlow, PyTorch
- Data Visualization: Matplotlib, Seaborn, Tableau, Power BI
- Big Data Technologies: Hadoop, Spark, SQL, NoSQL Databases
- Tools: Jupyter Notebook, Google Colab, Git, Docker, Kubernetes

WORK EXPERIENCE

- Data Science Intern** *Algofed Technologies — November 2024 - January 2025*
- Developed machine learning models to optimize API responses, reducing processing time by 40%.
 - Conducted data analysis and feature engineering to improve model accuracy.
 - Implemented predictive analytics solutions for business decision-making.
 - Automated data pipelines, reducing manual effort and improving efficiency.

PROJECTS

- Smart Vision QC** *2024*
- Designed and implemented an AI-powered quality control system using deep learning, improving defect detection by 25%.
 - Developed and optimized computer vision models for real-time product inspection.
 - Spearheaded cross-team collaboration, aligning engineering, operations, and business goals.
- Multiple Disease Prediction System** *2024*
- Developed machine learning models to predict multiple diseases with high accuracy.
 - Performed extensive data preprocessing and feature engineering to enhance model performance.
 - Built an interactive web dashboard for visualizing model predictions.

ACHIEVEMENTS & EXTRA-CURRICULAR ACTIVITIES

- Finalist in Graph-E-thon, Flipkart Grid Prototype Phase.
- Led outreach initiatives as Community Manager at DevCode, engaging 500+ members.
- Organized and managed multiple hackathons, ensuring smooth execution and participant engagement.
- Published a research paper on AI-driven quality control in manufacturing.

OTHER INFORMATION

- **Languages:** English (Professional), Hindi, Marathi (Native)
- **Hobbies:** Cinematography, Photography, Traveling