MOHAN UDAY KABADE

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 GitHub LinkedIn 📍 Bibwewadi, Pune.

OBJECTIVE

Aspiring software engineer with a strong foundation in AI, data science, and core computer science subjects, seeking challenging full-time roles to leverage technical expertise, problem-solving skills, and project experience.

EDUCATION

Vishwakarma Institute of Technology, Pune.   2022-2026
B Tech in Artificial Intelligence and Data Science

- CGPA: - 8.38

Ichalkaranji High School, Ichalkaranji.   2021-2022
HSC

- Percentage: - 88.33%

Kabanoor High School, Kabanoor.   2019-2020
SSC

- Percentage: - 95%

SKILLS

Programming Languages: C, C++, Java, Python, HTML, CSS, SQL.
Technology: Machine Learning, Deep Learning, Internet of Things, Data Analysis.
Soft Skills: Analytical Thinking, Teamwork, Communication, Time Management.
Languages: English, Hindi, Marathi

PROJECTS

Prediction and Classification of Alzheimer's Disease. ⬀
- Developed an **SVM**-based model for multistage classification of Alzheimer's disease using MRI data. Achieved **86%** detection accuracy and **78%** classification accuracy by leveraging preprocessed MRI datasets**.**
- Tools Used: Python (Sci-kit-Learn), Jupyter Notebook

Herbal Cosmetics Market Trend Analysis and Personalized Recommendation System.
- Developed a **generative AI**-based recommendation system using **Python, machine learning**, and advanced analytics to personalize product suggestions. Enhanced customer satisfaction and business strategies by leveraging consumer insights and predictive modeling.
- Tools Used: Python, machine learning, generative AI

IoT-based Smart Parking System using RFID.
- Designed and implemented an **IoT**-driven smart parking system using **RFID, IR sensors, and NodeMCU ESP8266** for real-time space availability, secure vehicle identification, and automated billing. Optimized urban parking efficiency through **embedded systems**.
- Tools Used: C++, RFID, IR sensors, NodeMCU ESP8266, Arduino IDE

CERTIFICATION

- What is Generative AI provided by LinkedIn. ⬀
- Preparing Data for Analysis with Microsoft Excel offered through Coursera. ⬀

PUBLICATIONS

Prediction and Classification of Alzheimer's Disease
- published in the **Advances in Nonlinear Variational Inequalities** journal ⬀