Utkarsh Rane

Pune, Maharashtra

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Career Objective

I'm a B.Tech IT student at PCCOE with a passion for technology and problem-solving. I enjoy working with programming languages like Java and C, exploring how Operating Systems and Computer Networks work, and applying what I learn to real-world challenges. I thrive in team environments, where my quick decision-making and dedication help bring ideas to life. I'm always looking for opportunities to grow, contribute, and make a positive impact through my skills and hard work.

Education

- Bachelors of Technology – Information Technology   2022 - 2026
  Pimpri Chinchwad College of Engineering, Pune   *CGPA – 7.25*
  Savitribai Phule Pune University

- Higher Secondary Certificate   2021 - 2022
  Savitribai Phule Junior College, Nagpur   *Percentage – 89.0*
  Maharashtra State Board of Secondary and Higher Secondary Education

- Senior Secondary Certificate   2019 – 2020
  Agragami Convent School C.B.S.E., Wardha   *Percentage – 84.0*
  Central Board of Secondary Education

Projects

- AI based Parking System   [October 2024 – November 2024]
  Skill used: Python, AI algorithms

  In this project, an AI-based parking system was developed using the A* algorithm to optimize parking space allocation. The system intelligently calculates the shortest path to available parking spots, ensuring efficient navigation and reduced congestion. By integrating AI techniques and heuristic search, the solution improves user convenience while maximizing space utilization.

- Used Car Price Prediction   [August 2024 – November 2024]
  Skill used: Concepts of Data Science, Machine Learning, Streamlit UI

  In this project, a machine learning model was developed using the CatBoost algorithm to predict the prices of used cars. The system leverages advanced gradient boosting techniques to handle categorical data effectively and deliver accurate predictions. By analysing factors such as car age, mileage, brand, and condition, the model provides insights to help users make informed decisions in the used car market.

- Stock advisor   [Ongoing]
  Skills used: API integration, Python, Streamlit UI

  In this project, my goal is to provide meaningful insights from the Indian Stock market to the common public people who are struggling hard to get such advice. Without opening a Demat account, we can see information like current price, Day high, Day low, 1 year graph, All the recent news related to that Stock. But my focus is on providing some accurate predictions and using the risk factor and also adding the sentiment analysis of the news that were fetched. This will overall help in Algorithmic Trading requiring less time to Analyse the Stock performance.

Technical Skills

- Programming Languages: Python, Java, JavaScript
- FrameWorks: Streamlit
- Web Design: HTML, CSS, BootStrap
- Database: SQL, MySql

Achievements

Problem- Solving:
- 2 ★ Codechef - https://www.codechef.com/users/uramoeba
- 5 ★ HackerRank - https://www.hackerrank.com/profile/utkarshrane2005
- 80+ Questions on Leetcode - https://leetcode.com/u/URAmoeba/

Certifications

- Java DSA by Apna College
- Java(Basic) by HackerRank
- Digital Productivity by NIIT Foundation