

# Utkarsh Rane

Pune, Maharashtra



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[Portfolio](#)



[GitHub](#)

## 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  
*Pimpri Chinchwad College of Engineering, Pune*  
*Savitribai Phule Pune University* 2022 - 2026  
Percentage – 69.35
- Higher Secondary Certificate  
*Savitribai Phule Junior College, Nagpur*  
*Maharashtra State Board of Secondary and Higher Secondary Education* 2021 - 2022  
Percentage – 89.0
- Senior Secondary Certificate  
*Aragami Convent School C.B.S.E., Wardha*  
*Central Board of Secondary Education* 2019 – 2020  
Percentage – 84.0

## Projects

- [ParkEase](#) [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.
- [AutoPredictX](#) [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.
- BullBear Advisor [January 2025]  
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,
- Web Design: HTML, CSS, Bootstrap
- FrameWorks: Streamlit
- Database: SQL, MySql

## Achievements

Problem- Solving:

- [1 ★ Codechef](#)
- [5 ★ HackerRank in Java\(Basic\)](#)
- [80+ Questions on Leetcode](#)

## Certifications

- Java DSA by Apna College
- Java (Basic) by HackerRank
- Digital Productivity by NIIT Foundation
- 10-Days Data Science workshop by 3RI Technologies
- PowerBI workshop by OfficeMaster