

Utkarsh Ravindra Rane

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[Portfolio](#)



[GitHub](#)

Career Objectives

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 [SPPU] 2022 – 2026
Percentage – 69.35
- Higher Secondary Certificate
Savitribai Phule Junior College, Nagpur
Maharashtra State Board of Secondary and Higher Secondary Education [MSBSHSE] 2021 - 2022
Percentage – 89.0
- Senior Secondary Certificate
Aragami Convent School C.B.S.E., Wardha
Central Board of Secondary Education [CBSE] 2019 – 2020
Percentage – 84.0

Projects

- SynchroBeats** – Collaborative Music Streaming [January 2023 – March 2023]
Skills used: Java Programming, JavaFX, Socket Programming, Exception Handling
Java-based music sync app enabling multiple users to listen together in real time. Built with JavaFX and socket programming for synchronized playback, integrated FFmpeg for media support, and a user-friendly interface with shared play, pause, and seek controls.
Github Link - <https://github.com/Utkarsh-Rane43/Synchrobeats>
- AutoPredictX** – Used Car Price Predictor [August 2024 – November 2024]
Skill used: Concepts of Data Science, Machine Learning, Streamlit UI
Used Car Price Prediction – Developed a CatBoost-based ML model to predict used car prices by analyzing features like age, mileage, brand, and condition, providing accurate insights for informed decision-making.
Demo Link - <https://usedcarpricepredictio.streamlit.app/>
Github Link - <https://github.com/Utkarsh-Rane43/AutoPredictX>
- ParkEase** – Path Optimizer for entry and exit [January 2025 – February 2025]
Skill used: AI algorithms, A Star Algorithm
AI-Based Parking System – Developed a smart parking solution using the A* algorithm to optimize space allocation and calculate shortest paths, improving navigation efficiency and space utilization.
Github Link - <https://github.com/Utkarsh-Rane43/ParkEase>
- NSEInsightPro** – Stock Advisor and Sentiment analyzer [April 2025 – June 2025]
Skills used: Python, Streamlit, yfinance, HuggingFace Transformer, FinBert
NSEInsightPro delivers real-time NSE stock analysis with interactive charts, portfolio tracking, and AI-powered news sentiment to guide smart investments.
Demo Link - <https://nseinsightprour.streamlit.app/>
Github Link - <https://github.com/Utkarsh-Rane43/NSEInsightpro>

Technical Skills

- Programming & Development:** Java (OOP, Exception Handling, Swing), Python (NumPy, pandas, scikit-learn), SQL
- Data Science & Machine Learning:** Data preprocessing & cleaning, Exploratory Data Analysis (EDA), Model evaluation & comparison, Descriptive Statistics
- Tools & Platforms:** GitHub, Git Bash, Visual Studio Code, WSL2 / Ubuntu, Hugging Face (Transformers, Datasets, Spaces)

Achievements

- [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
- AI Foundations Associate by Oracle
- Gen AI Professional by Oracle
- PowerBI workshop by OfficeMaster