

# Yash Maheshwari

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PersonalPortfolio

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## Education

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**Gautam Buddha University**, GrNoida, Uttar Pradesh

Integrated B.Tech + M.Tech (Artificial Intelligence and Robotics) GPA: 7.45 / 10.00

**Relevant Coursework:** Data Structures and Algorithms (C++), Probability & Statistics in CS (Python), Intro to CS II (C++), Linear Algebra with Computational Applications (Python), Machine Learning

## Experience

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**Ricoz**, Noida, Uttar Pradesh

Flutter Developer Intern

July 2023 – October 2023

- Developed 60% of the app, creating a visually appealing frontend for TravelHub.
- Integrated APIs for shop items, enhancing the user experience.
- Structured code for ease of use by the team.

## Projects

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### Barrack Buddy Website

*React.js, JavaScript, REST APIs*

1. Developed a responsive React website for **Barrack's Buddy**, a platform supporting defense aspirants.
2. Integrated login and signup APIs to handle user authentication securely.
3. Optimized the UI for seamless user interaction across devices.
4. Collaborated on API integration for various features, ensuring smooth backend communication.
5. Designed and implemented scalable components to enhance maintainability.
6. Deployed the website live: <https://barracksbuddy.com/>
7. Vercel deployment live: <https://barracks-buddy.vercel.app/>

### Handwritten Digit Recognition

*TensorFlow, Keras, Python*

1. Developed a handwritten digit recognition system using the MNIST dataset.
2. Achieved an accuracy of over 98 percent built with TensorFlow and Keras.

### California Housing Price Prediction

*Scikit-learn, Python, Pandas*

1. Created a machine learning model to predict housing prices in California using various features such as location, size, and economic factors.
2. Implemented multiple regression algorithms and optimized the model using cross-validation techniques to improve prediction accuracy.

### Travel Hub App

*Flutter, Dart*

1. Developed a comprehensive travel hub application during an internship at Ricoz.
2. Implemented features such as booking flights, hotels, and rental cars.
3. Integrated APIs for real-time travel data and secure payment processing.
4. Ensured high performance and responsiveness of the application.
5. Collaborated with a team to design and develop user-friendly interfaces.

## Technical Skills

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**Languages:** C++, Python, JavaScript, Dart

**Technologies:** TensorFlow, scikit-learn, Flutter, Visual Studio Code

**Concepts:** Artificial Intelligence, Machine Learning, Networks, API, Compiler Design, Data Structures and Algorithms

## Certifications

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- Supervised Machine Learning: Regression and Classification [Credential URL](#)
- Advanced Learning Algorithms [Credential URL](#)

## Achievements

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- LeetCode Contest Rank: Top 85.92 [LeetCode Profile](#)
- CodeChef 1 Star Rating (989) [CodeChef Profile](#)
- Secured 7.84 SGPA in 5rd semester, 2022
- Secured 8.48 SGPA in 6rd semester, 2023
- Secured 7.08 SGPA in 7rd semester, 2023