

# Yashraj Desale

yashrajdesale1@gmail.com | +91 9307338055  
LinkedIn | LeetCode | GitHub

## EDUCATION

### K. K. WAGH INSTITUTE OF ENGINEERING EDUCATION AND RESEARCH

B.E IN COMPUTER  
Expected June 2025 | CGPA: 9.71

### GOVERNMENT POLYTECHNIC NASHIK

DIPLOMA IN MECHANICAL  
2019 - 2022 | Percentage : 92.14%

### C.D.O. MERI HIGH-SCHOOL, NASHIK

SSC  
2018 - 2019 | Percentage : 90%

## SKILLS

### PROGRAMMING SKILLS

Languages:

• C++ • JavaScript • Python

Front-end Development:

• ReactJS • Tailwind CSS

Back-end Frameworks:

• Express • NodeJS

Databases:

• MySQL • MongoDB

Tools/ Platforms:

• Postman • GitHub • VScode

### SOFT SKILLS

• Hardworker • Positive Attitude  
• Team Player • Self Confidence

## CERTIFICATES

• PYTHON FOR DATA SCIENCE | LINK  
SWAYAM-NPTEL(Elite) | Jan-Feb 2024

• CYBER SECURITY & PRIVACY | LINK  
SWAYAM-NPTEL(Elite) | Jul-Oct 2023

## POSITIONS OF

## RESPONSIBILITY

• DEBUGGER'S CLUB KKWIEER  
ERP and Website Coordinator | 2023 - 2024

• ROTARACT CLUB OF NASHIK  
NINEHILLS  
core committee member | 2023 - 2024

## EXPERIENCE

### PAARSH INFOTECH | FULL-STACK WEB DEVELOPER | LINK

Dec 2023 - Jan 2024 | Nashik

- Developed robust **login and signup components** for smooth user authentication and efficient **state management**, enhancing overall user experience and security.
- Learned **React** and **Tailwind CSS** for frontend development.
- Proficient in **Express** and **Node.js** for backend development.
- Skilled in **Redux Toolkit** for state management in web applications.
- Familiar with **MongoDB** for scalable database solutions.

## PROJECTS

### MODERN REAL ESTATE MARKETPLACE | REACTJS, REDUX TOOLKIT, NODEJS, EXPRESSJS, MONGODB, MONGOOSE | LINK

- Developed Robust **MERN Stack** Web app.
- **Advanced Authentication**: Implemented **JWT**, **Firebase**, and **Google OAuth** for secure and seamless user access.
- Real-world **CRUD Operations** : Create, read, update, and delete property listings using **MongoDB**.
- **Advanced Search Functionality**: Implemented cutting-edge search features to help users find what they're looking for.

### EMAIL, SMS SPAM CLASSIFIER | PYTHON, SCIKIT-LEARN, PANDAS, NLTK, NUMPY | LINK

- Developed a **Machine Learning** model to classify emails and SMS messages as spam or non-spam.
- Utilized **nltk** libraries to perform **Natural Language Processing (NLP)** tasks such as **tokenization**, **stemming**, **removing stop words** and **punctuation**.
- Enhanced **Naive Bayes** algorithm to achieve precision of 1.0 and accuracy of 0.971954.
- Experienced in **data cleaning**, **exploratory data analysis (EDA)**, **text preprocessing**, **model building**, **evaluation**, and **improvement**.

## ACHIEVEMENTS

- Secured **1st Rank** with **9.71 CGPA** in 3rd Year of Computer Engineering.
- Solved Over **250+ DSA questions** on LeetCode.
- Successfully developed an **Educational YouTube Channel** named **BK PRAVIN DESALE** which Completed **5 Lacks+ Subscribers** within 3 years. | Link
- **Research paper** titled '**Ethanol-Powered Vehicles: Advancements in Flex-Fuel Technology and Supply Chain Integration**' written by me has been accepted by **Springer**. This paper secured **1st Prize** in the **National level Student Conference**.