Tejas Divekar

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Summary

Curious and driven student with a strong interest in Data Structures and Algorithms (DSA) and Machine Learning. Passionate about problem-solving and excited to explore emerging technologies. Continuously seeking opportunities to expand knowledge and apply skills to real-world challenges.

# Education

# **Vishwakarma Institute Of Information Technology, Pune** June 2027

# B.Tech Information Technology Current CGPA: 8.81

# **CET** May 2023

# (Common Extrance Test) Percentile: 98.85

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# **12th** Percentage**:** 84.83

# **10th** Percentage: 87.20

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# Skills

**Programming Languages**: Java, Python , JavaScript

**Libraries and Frameworks**: NodeJS , Express ,HTML , CSS, Bootstrap

**Database Management**: MySQL, MongoDB , PL/SQL

**DevOps Toolchain**: Git, Github

**Data Analysis:** Python( Panadas , Numpy , Matplotlib , Seaborn)

**Machine Learning & AI:** Supervised & Unsupervised Learning,Python (Scikit-learn, TensorFlow),ML Algorithms (Regression, Decision Trees, Neural Networks.

PROJECTS

## WanderLust – Hotel Booking Web App | [Github](https://github.com/TejasD-13/WanderLust2)

## Tech Stack: JavaScript, HTML/CSS, Bootstrap, Express.js, MongoDB, Node.js

## • Developed a full-stack platform for browsing, listing, and booking hotels. • Implemented multi-role authentication (User, Manager, Admin) using Passport.js. • Built dashboards for hotel managers and admin-controlled listing approvals.

## Allergens Prediction System – AI-Based Allergen Detection Tool | [Github](https://github.com/TejasD-13/Allergens-Prediction-system)

## Tech Stack: Python, Scikit-learn, Random Forest, Streamlit, Pandas, Numpy

## • Built an AI tool to predict allergens in Indian food using dish name, ingredients, or barcode.

## • Trained a Random Forest model on a custom dataset with ingredient-level features.

## • Developed a Streamlit UI for instant predictions via manual input or barcode scan.

## Expense Tracker | [Github](https://github.com/TejasD-13/Expense-Management-App)

## Tech Stack: React.js, Node.js, Express.js, MongoDB, Ant Design

## • Built a full-stack web app for tracking income and expenses with filters by date, category, and type.

## • Implemented visual analytics and data summaries using Ant Design components and charts.

# • Integrated JWT-based authentication and RESTful APIs for secure and scalable transaction management.

# Certificates / Achievements

# Udemy: [**Machine Learning & Deep Learning in Python & R**](https://www.udemy.com/course-dashboard-redirect/?course_id=3288036)

# Unstop: [**Basic Coding in Java**](https://unstop.com/certificate-preview/9a3cf634-ce7b-4b55-88e5-29cfbb81a900)

# Unstop: [**Mongo DB**](https://unstop.com/certificate-preview/7be1e295-4139-4b32-9d93-f5aa1a929612)

# Interests

**Interests**: Problem Solving, Machine Learning, Sketching, Guitar playing