

# Vaishakh Kuduvan

## EDUCATION

**Dr. D.Y. Patil Institute of Engineering, Management and Research**  
CGPA 7.36

Pune, MH  
Sept. 2021 – Jun 2025

## EXPERIENCE

### Coincent

Jun 2024 – Jul. 2024

Web Developer Intern

Pune, MH

- Utilized **object-oriented programming** principles to improve code readability and maintainability.
- Developed responsive, user-friendly web interfaces using HTML, CSS, **JavaScript**, and **Bootstrap** for a chat app and e-commerce website.

### Acmegrade

Jan. 2024 – Feb 2024

Machine Learning Intern

Pune, MH

- Engineered a movie recommendation system using **ML** and **data analysis**.
- Processed and analyzed datasets, improving data efficiency by 10-15%.
- Worked on **data preprocessing**, **feature engineering**, and model selection to enhance performance.

## PROJECTS

### Agro-Price Prediction Platform (Python, Pandas, Scikit-learn, Streamlit)

Jan 2025 – Mar 2025

- \* Collected and analyzed agricultural datasets, improving prediction accuracy by 12–18%
- \* Applied data preprocessing, feature selection, and model tuning to enhance forecasting performance.
- \* Achieved consistent results using **Linear Regression**, supported by evaluation metrics like RMSE and  $R^2$ .
- \* Gained hands-on experience with Python, **Pandas**, **Scikit-learn**, and Streamlit for full-stack ML development, and visualized insights using Seaborn and Matplotlib.

### Chat Application (HTML, CSS, JavaScript, Firebase)

Jun 2024 – Jul 2024

- \* Devised a real-time chat application with **Firebase** for seamless message synchronization.
- \* Implemented user authentication and messaging features.
- \* Applied OOP principles to improve code readability and maintainability.
- \* Optimized Firebase database interactions for real-time, low-latency messaging.

## EXTRACURRICULARS & ACHIEVEMENTS

### Solved 100+ problems in Leetcode

Mar 2025 – Present

- \* Solved 100+ coding problems on LeetCode, strengthening problem-solving and DSA skills.

### Media Head Coder's Club

Aug 2022 – Jul 2023

- \* Managed content, promotions, and event outreach across digital platforms

## CLASSES

**Courses:** Data Analysis with Python, Medical Appointment Data Analysis

## SKILLS & INTERESTS

**Languages:** Python, SQL

**Skills:** Bootstrap, React JS, Tailwind CSS, Django, Scikit-learn, Figma, Excel, Power BI, Streamlit