VAISHAKH KUDUVAN

github.com/VaishakhKuduvan

Portfolio Website

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EDUCATION

Dr. D.Y. Patil Institute of Engineering, Management and Research
Pune, India
Jun 2021 - Jun 2025
BE Computer Engineering; CGPA: 7.36

Amrita Vidyalayam & Junior College
Pune, India
June 2019 - Feb 2021
Science; Percentage : 84.00%

St. Jude High School
Pune, India
Percentage : 88.00%

SKILLS SUMMARY

- **Languages**: Python, SQL
- **Framework**: Bootstrap, Django, Scikit-learn
- **Tools**: Figma, GitHub, Excel, Power BI, Streamlit
- **Databases**: Firebase, MySQL
- **Web Tech Stack:** JavaScript, React JS, Tailwind CSS

WORK EXPERIENCE

WEB DEVELOPER INTERN | COINCENT Jun 24- Jul 24

- Developed a Chat application and an E-Commerce website. Utilized object-oriented programming
- (**OOP**) principles to improve code readability and maintainability. Built responsive and user-friendly
- interfaces using **HTML**, **CSS**, **JavaScript**, and **Bootstrap**.

MACHINE LEARNING INTERN | ACMEGRADE Jan 24- Mar 24

- Developed 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.
- Gained hands-on experience with **Python, Scikit-learn,** and **Pandas** for data-driven solutions.

PROJECTS

CHAT APPLICATION Jun 24 - Jul 24

- Developed a real-time chat application with Firebase for seamless message synchronization.
- Implemented user authentication and messaging features.
- Designed an interactive frontend using HTML**,** CSS**,** and JavaScript for a responsive and user-friendly interface.
- Applied OOP principles to improve code readability and maintainability.
- Optimized database interactions for **low-latency communication** and **efficient data retrieval**

AGROPRICE PREDICTION PLATFORM Jan 24 - Mar 24

- Collected and analyzed agricultural datasets, improving prediction efficiency and accuracy by 12–18%.
- Applied data preprocessing, feature selection, and model tuning to refine forecasting results.
- Achieved consistent performance 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

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HOBBIES & EXTRA-CURRICULAR ACHIEVEMENTS

- Video editing (For freelance purposes)
- Won a city-level chess competition
- Media Head, Coder's Club
- Spelling Bee Champion 8th grade
- Managing a YouTube channel for video editing, motion graphics, and VFX
- Yoga, Fitness & Gym Training