

SAGAR PREMSING CHAVAN

Final Year Student / B.E. in Artificial Intelligence and data science
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Education

- A. C. Patil College of Engineering** **2022 - 2025**
B.E- Artificial Intelligence and data science | CGPA (8 Sem): 8.43/10.00 *Navi Mumbai, Maharashtra*
- Vidya Prasarak Mandala's Polytechnic** **2019 - 2022**
Diploma | Percentage: 74.29% *Thane, Maharashtra*
- Lourdes High School** **2018- 2019**
Secondary School Certificate | Percentage: 71.60% *Kalyan, Maharashtra*

Experience

Internship Studio | Intern in Machine Learning **Jun 2024 – Jul 2024**

- Pre-processed and analysed datasets with over 10,000 entries, ensuring data quality for machine learning models.
- Implemented supervised learning algorithms (e.g., linear regression) achieving a prediction accuracy of 85% on test data.
- Built clustering models for unsupervised learning, grouping data points with 95% consistency.
- Conducted text analysis using NLP techniques, improving text classification accuracy by 10%.

Projects

1. Recipe Recommendation System **Jan 2024 – Mar 2024**

- Developed a recommendation system suggesting recipes based on **user preferences from a dataset of 5,000 recipes**.
- Improved recipe search efficiency by **20%** using YOLO for ingredient detection.
- Integrated Natural Language Processing (NLP) for personalized recipe descriptions.

2. Quiz Application **Oct 2023 – Dec 2023**

- Designed a platform where teachers can assign quizzes and students can attempt them, featuring separate logins for teachers and students.
- Incorporated leaderboards, chat functionality, and a responsive interface for enhanced user engagement.

3. Doctor Appointment System **Aug 2021 – Nov 2022**

- Developed a system to facilitate appointment bookings with doctors, incorporating real-time scheduling and messaging features.
- Added a video call and chat functionality to improve communication between patients and doctors.

Skills

- Technical Skills:** SQL, Machine Learning, AI, Web & Android Development.
- Programming Languages:** C, C++, HTML, Java, Python.
- Tools:** VS Code, Git/GitHub, Jupyter Notebook, MySQL.
- Soft skills:** Effective Communication, Team Management, Adaptability, Collaborative Problem Solving

Certifications:

- Machine Learning & AI Bootcamp** (College Campus) **July 2023**
- Advanced Java & Web Programming** (METTL) **Aug 2024**
- Data Analysis with Python** (IBM SkillsBuild) **Aug 2024**
- Introduction to Deep Learning** (Infosys) **Oct 2024**
- Deep Learning for Developers** (Infosys) **Oct 2024**

Achievements:

- Participated in "Hack the Box" Competition **Mar 2024**
- Successfully completed a Java project under Practo **Oct 2024**