

RADHA KHATRI

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Computer Science Engineering student with a solid foundation in web development, cloud computing, and programming. Maintains a strong academic record and has hands-on experience through projects and internships. Actively involved in developer communities and always willing to learn new technologies, solve real-world problems, and contribute to team success. Focused on building practical, innovative tech solutions while continuously improving skills.

EDUCATION

- **Bachelor of Technology in Computer Science and Engineering** Nov 2022-Aug 2026
Annasaheb Dange College of Engineering and Technology Ashta
Pursuing B.Tech (Honors) with a **Multidisciplinary Minor**.
Also pursuing a **Minor** in Electrical Engineering with specialization in **Electric Vehicle Technology**. 9.2 CGPA
- **HSC (Maharashtra Board)** June 2021-Feb 2022
New English School Vita 85%
- **SSC (Maharashtra Board)** June 2019-Marc 2020
Swami Ramanand Vidyalay, Ramanandnagar 97%

SKILLS

- **Language:** C, C++, Python.
- **Database:** MySQL.
- **Tools:** VS Code, Jupyter Notebook, Google Colab, Git.
- **Web Development:** HTML, CSS, Javascript.
- **Cloud Computing:** AWS .
- **Machine Learning:** Scikit-learn, Pandas, NumPy, Matplotlib.

PROJECTS

- **Siddhant Medical Shop Billing System (sponsored)**
Developed a sponsored desktop application for medical shop billing, automating inventory management, vendor tracking and invoice generation. Integrated email automation to fetch vendor invoices.
– Python, PyQt6 , MySQL
- **Smart Question Paper Generator**
The application generates the question paper by selecting questions from the uploaded Excel question bank, organizing them based on units and criteria, and compiling them into a structured document with embedded image for final output.
–Python, PyQt6, MySQL, Excel VBA
- **FBI Time Series Forecasting**
Developed a machine learning model to forecast **FBI crime statistics** using **time series analysis** techniques .Utilized tools like **Python, Pandas, NumPy**, and **Matplotlib** for data preprocessing, analysis, and visualization.
- **Electric Motor Life Monitoring (Predictive Motor Maintenance) | Live Project | Zanvar Group of Industries**
Implementing **predictive maintenance** using **data science and machine learning** to monitor electric motor health. Analyzing sensor and operational data to detect early signs of motor failure. Building and training models for **fault prediction, anomaly detection, and life expectancy estimation**.

EXPERIENCE

- **AI/ML Intern Labmentix Edtech Pvt. Ltd. — Remote | June 2025 – August 2025**
Gained practical hands-on experience in AI/ML concepts under professional mentorship. Collaborated with a supportive and innovative team to understand real-world applications of AI/ML.
- **Web Developer Intern | TECSPEAK IT SOLUTION | July 2024**
During my internship, I actively contributed to web development projects using HTML, CSS, and JavaScript, demonstrating strong technical skills and a dedicated work ethic.

Achievements and activities

- AWS Academy Graduate- Cloud Foundation
- AWS Academy Cloud Architecting
- Cloud computing and distributed System (NPTEL)
- Mastering Excel (Younity)
- B2B Marketing (NPTEL)
- Runner-Up- Mini Project Expo 2K25
- Finalist – Spark Hackathon
- Winner – Treasure Hunt Competition
- Lead NSDC Program
- Co-Lead of cloud and Open Source in GDGC