SHRADDHA KHARATMAL

Final-year Information Technology Engineering student

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PROFESSIONAL SUMMARY

Final-year Information Technology Engineering student skilled in Java, Python and MySQL fundamentals. Strong foundation in data structures, databases, operating systems, and computer networks. Demonstrated adaptability by working on diverse projects across multiple technologies. Passionate about building scalable, user-friendly software and eager to contribute to dynamic, cross-technology environments.

LEADERSHIP & COMMUNICATION

Teacher, *Saraswati Classes*   2022 – Present
- Delivered 4+ years of teaching experience, preparing question papers, and conducting   Kalyan
  lectures.

EDUCATION

CGPA: 7.70,   2022 – Present
Bachelor of Engineering in Information Technology, Datta Meghe College of Engineering

72.83%, *HSC (12th Science), B.K. Birla College Of Science, Commerce and Arts*   2020 – 2022

94.8%, *SSC (10th), Nutan Dnyan Mandir*   2010 – 2020

TECHNICAL SKILLS

Programming & Frameworks
Java, Python

Databases
MySQL

Core Subjects
Data Structures & Algorithms, Computer Networks, Operating Systems, DBMS

Tools & Platforms
GitHub, VS Code, Streamlit, Excel

ACHIEVEMENTS

Published technical articles on Medium based on self-developed projects. ⬀

PROJECTS

Explainable AI for Transparent Grading, *(Java, Python, Random Forest, SHAP, LIME)*   06/2025 – Present
- Built a machine learning grading system with explainability tools to enhance transparency in
  automated assessments.
- Provided clear interpretability for teachers, improving trust and adoption.

News World - GUI News Aggregator, *(Java, JSoup, Swing)* ⬀   02/2025 – 04/2025
- Created a Java Swing desktop app fetching real-time RSS feeds, with category-based
  filtering.
- Implemented clickable headlines for seamless article viewing.

Quiz Generation Bot, *(Python, Streamlit, NLP, spaCy, FPDF)* ⬀   01/2025 – 02/2025
- Automated MCQ and fill-in-the-blank question creation from text.
- Integrated real-time quiz performance tracking and PDF export features.

Quiz Test App, *(Java Swing, OOP)* ⬀   11/2024 – 12/2024
- Designed and developed a desktop quiz application with scoring and self-assessment
  features.

CERTIFICATIONS

Programming in Python ⬀   **Excel** ⬀   **AWS Academy Machine Learning** ⬀
OneRoadmap (2025)   OneRoadmap (2025)   Foundations
                                                                                AWS Academy (2025)