Swaraj Shinde

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SKILLS

- Languages: Python, C, java.
- Full Stack Development: HTML, CSS, JavaScript, PHP, OOPS Concepts, Python backend ,Flask.
- Database: MySQL, DBMS, RDBMS/ Relational Databases.
- Developer Tools: VS Code, Pycharm, Power BI, Tableau, MS Excel,Postgresql.
- Soft Skills: Teamwork, Active Listener, Integrity, Commitment to Service Excellence, Continuous improvement, Problem-Solving, Collaboration, and Communication skills.
- Other : Microsoft Word, Excel, PowerPoint.
- Areas of Interest: Software Engineering, Information Technology, Computer Science, Risk Management.

EDUCATION

KIT's College Of Engineering Kolhapur　　　　　　　　　**Aug. 2022 – July. 2026**
BTech in CSE(AIML) , CGPA:8.14　　　　　　　　　　　　　*Kolhapur, Maharashtra*

Innovative Public School & Jr. College ,Borawade　　　**June. 2020 – June 2022**
HSC, Percentage=90.67%　　　　　　　　　　　　　　　　*Kolhapur, Maharashtra*

Sanjeevani English Medium School, Kurundwad　　　　**June. 2008 – June 2020**
SSC, Percentage=93.82%　　　　　　　　　　　　　　　　*Kolhapur , Maharashtra*

CERTIFICATION

- SQL - HackerRank .
- AI-ML Virtual Internship- AICTE
- Python- HackerRank.

PROJECTS

- **Healthcare Chatbot | Python, Machine Learning (Decision Tree, SVM), NLP, pyttsx3, Pandas, Scikit-Learn**
  - Developed an AI-powered chatbot that predicts diseases based on user symptoms.
  - Implemented Decision Tree and SVM classifiers for accurate symptom-based disease prediction.
  - Integrated NLP and speech synthesis (pyttsx3) for voice-assisted user interaction.
  - Achieved high accuracy through cross-validation and feature importance analysis.

- **Student Monitoring System | HTML, CSS, JavaScript, PHP, MySQL**
  - Developed a web-based Student Management System to efficiently manage student records.
  - Implemented CRUD (Create, Read, Update, Delete) operations for student details.
  - Integrated secure authentication to manage different user roles (Admin, Teacher, Student).
  - Utilized MySQL database for efficient data storage and retrieval.

- **Campus navigation system | Machine Learning , HTML,CSS ,JS ,Flask**
  - Developed a smart navigation system to help students and visitors navigate the campus efficiently.
  - Integrated Google Maps API for real-time location tracking and route optimization.
  - Implemented interactive search functionality to locate buildings, departments, and facilities.
  - Utilized Firebase for storing location data and managing user access.

- **Alcohol Detector | Arduino, MQ-3 Sensor, Buzzer, LCD Display, Embedded C**
  - Developed an Alcohol Detection System to prevent drunk driving by detecting alcohol levels in breath.
  - Integrated MQ-3 alcohol sensor to measure alcohol concentration with real-time analysis.
  - Implemented Arduino-based microcontroller programming for sensor calibration and response.
  - Designed an alert mechanism using a buzzer and LCD display for instant warnings.