Soham Mhatre

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Profile

Data- driven problem solver with a strong focus on turning complex information into clear insights. Experienced in building models, exploring data patterns, and creating simple explanations that help teams make smart choices. Enjoys blending logic with curiosity to find what truly matters in the numbers.

Education

MASTER OF COMPUTER APPLICATION (MCA) 2024 – 2026 |Pune
PES Modern College of Engineering

BACHELORS OF COMPUTER APPLICATION (BCA) 2021 – 2024 |Navi Mumbai
Chhatrapati Shivaji Maharaj University

TECHNICAL SKILLS

- **Languages:** Python, Java, JavaScript, SQL, HTML, CSS
- **Databases:** MySQL, Oracle, MongoDB
- **Tools:** Git, VS Code, Jupyter, Eclipse, Power BI, Tableau, Excel
- **Data Analysis:** SQL Queries, Data Preprocessing, Visualization

SOFT SKILLS

- **Analytical**
- **Problem Solving**
- **Quick adaptive**
- **Time Management**

Projects

My Personal Portfolio Web Application

- Built a personalized portfolio website with a modern black and cyan UI theme.
- Implemented dynamic routing and reusable components to manage multiple sections, projects, certifications and section-specific resumes.
- Enhanced user experience with advanced UI interactions including animated cards, hover video previews, custom modal dialogs and responsive layouts.

Weather Forecasting and Analytics Web Application

- Developed a full-stack web application using Flask, HTML, CSS, and JavaScript to fetch and display real-time weather data through Open Weather Map API.
- Implemented SQLite database to store and manage historical weather records for analytics and reporting.
- Applied Linear Regression (Machine Learning) to predict future temperature trends based on past weather data.
- Designed interactive dashboards with Chart.js/Matplotlib and enhanced UI using Bootstrap and CSS animations for better user experience.

Deep Learning–Based Cancer Detection System

- Built a cancer detection web application using a trained CNN deep learning model to predict cancer from input data.
- Integrated the machine learning model into a Python backend for real-time prediction.
- Designed a simple web interface using HTML templates and static files for user interaction.
- Used SQLite databases to store user details and prediction results securely.