MAYANK SONI

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Results-oriented **Software Engineer** with strong expertise in **Python**, **SQL**, focused on backend development and data-driven applications. Skilled in building full-stack web solutions using **Flask**, **JavaScript**, and **HTML/CSS**, with hands-on experience in database optimization, structured programming, and tools like **GitHub**, and **VS Code**.

EDUCATION

B.Tech – Computer Science Engineering (specialization in AI)   **Jan 2021 - Dec 2025**
MIT ADT University, Pune
  CGPA : 6.99

12TH GRADE   **Jul 2019 - Jul 2020**
Kautilya Public School, Kota
  Percentage: 76.4

10th Class   **Jul 2017 - Jul 2018**
St. Paul's School, Shivgunj
  Percentage: 86.4

WORK EXPERIENCE

Software Developer Trainee   **Jan 2025 - Jun 2025**
Hexaware Technologies   **Pune,India**

- **Completed** industry-certified training in **communication**, **customer relationship management**, **corporate professionalism**, and technical modules including **C#**, **MS SQL**, and **cloud computing**.
- **Improved client communication and service handling efficiency** by over **40%** through simulated customer engagement and case-based problem-solving exercises.

SKILLS

Languages: Python, C++, JavaScript

Web Technologies: HTML, CSS, Flask, JavaScript

Databases: SQL, MongoDB, MS SQL

Machine Learning: Scikit-learn, Pandas, NumPy, Streamlit

Tools & Platforms: Git, GitHub, Visual Studio Code (VS Code),Google Colab

PROJECTS

DIAGNOSENSE – Disease Prediction System ⧉   **Feb 2024 - May 2024**

- **Built** an ML-powered disease prediction app using **Python**, **Streamlit**, and **scikit-learn** for real-time symptom-based diagnosis.
- **Implemented** data preprocessing, feature selection, and model training pipelines using **Pandas** and **NumPy**.
- **Achieved 87%+ prediction accuracy**, improving diagnostic speed and assisting users with clearer medical decision support via interactive visualizations.

ECOMELITE – E-Commerce Platform ⧉   **Jan 2023 - May 2023**

- **Developed** a full-featured e-commerce website using **Flask**, **JavaScript**, and **SQL** with modules for product catalog, cart, and checkout.
- **Integrated** frontend and backend components to ensure seamless data flow and implemented **responsive UI/UX** for cross-device compatibility.
- **Increased user retention by 30%** and **reduced page load time by 40%** by optimizing frontend logic and streamlining database queries.

HEALTHMATRIX – Hospital Management System ⧉   **Sep 2022 - Dec 2022**

- **Designed** a full-stack hospital system using **Flask**, **SQL**, and **JavaScript** for managing appointments, records, and user roles.
- **Implemented** secure login, role-based access, and a responsive admin dashboard with real-time data integration.
- **Reduced manual entry workload by 50%** and **improved record retrieval speed by 60%**, increasing operational efficiency for hospital staff.

CERTIFICATIONS

Python Programming: From Basics to Brilliance Certificate by **Ethans Tech**
Data Fundamentals Certificate by **IBM SkillBuild**
Transforming Data with R Certificate by **Coursera**

LANGUAGES

Hindi (Native proficiency) • **English** (Full professional proficiency)