Mahek Mehta

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EDUCATION

- **Bachelor of Technology**

  Vishwakarma Institute of Information Technology (VIIT)

  SGPA: **8.38/10**

  2024-ongoing | Pune, India

  Currently pursuing AIML.

- **Diploma**

  Dr.D.Y. Patil Polytechnic

  Secured Aggregate: **88.40 %**

  2021-2024 | Kolhapur, India

- **X, SSC**

  St. Xavier's High School

  Secured Aggregate: **89%**

  2009 – 2021 |Kolhapur, India

PROJECTS

1. Developed **a blood donation website** as a final year mega project using **HTML and CSS** for the front-end and **PHP** for the back-end. The platform enables users to register as donors or seekers, search for nearby blood donors, and receive automated notifications for compatibility matches. Integrated a secure login system and optimized database management for efficient and secure data handling. Focused on

creating an intuitive, responsive UI and robust backend functionalities to streamline the blood donation process.

2. Developed a **handwritten digit recognition model** during the 3rd year of my diploma using **Python** and libraries such as NumPy, Pandas, and Scikit-learn. The project involved preprocessing and visualizing it, implementing a machine learning algorithm for accurate digit classification, and optimizing performance using numerical computations. Additionally, visualized predictions with Matplotlib to analyze the model's accuracy and effectiveness.

3. Designed and developed **portfolio websites** as a personal interest to showcase creative and technical skills. Focused on creating responsive, user-friendly designs using HTML, CSS, and JavaScript, ensuring compatibility across devices. Leveraged these projects to explore web development trends and enhance proficiency in front-end technologies.

4. Developed a **Chabot using Python**, leveraging libraries such as random for dynamic responses and implemented a rule-based approach for natural interaction. The Chabot is designed to simulate human-like conversations by matching user inputs with predefined responses stored in a dictionary. To ensure compatibility across various environments, the Chabot employs a simulated input mechanism, allowing it to function seamlessly without relying on real-time user input. Focused on creating an engaging and interactive experience by designing an intuitive conversational flow and output formatting.

COURSES

- **Web development (HTML, CSS) (Great Learning)**
- **Prompt Engineering (Great Learning)**
- **Ethical Hacking (ITR)**
- **UI/UX (Cursa)**
- **Introduction to Cybersecurity (Great Learning)**
- **Python for DS, AI and development(Coursea)(IBM)**

SKILLS

- **HTML AND CSS**
- **PYTHON**
- **DSA(Intermediate)**
- **DESIGNING (Graphics and Logo Designing)**

OTHER SKILLS

- **SOFT SKILL**
- **LEADERSHIP**
- **COMMUNICATION**
- **TEAM WORK**
- **AI PROMPTING**

STRENGTHS

- **CREATIVITY**
- **LEADERSHIP**
- **TIME MANAGEMENT**
- **LIFELONG LEARNING**

LANGUAGE

- **ENGLISH**
- **MARATHI**
- **HINDI**
- **GUJARATI**