



Mihir Chauhan

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ABOUT ME

Hello, I'm Mihir Chauhan, an ambitious IT student currently studying at ITM(SLS)BARODA UNIVERSITY. My journey in the world of technology began when I was introduced to coding at a young age. Since then, I've been fascinated by the power of software and its ability to transform lives.

In addition to my academic pursuits, I'm a self-proclaimed geek with a particular interest in artificial intelligence and machine learning. Outside of my studies, I enjoy exploring the latest tech trends and participating in hackathons. I hope you find my portfolio interesting and invite you to explore my projects and experiences further. Feel free to reach out if you have any questions or would like to discuss potential collaborations.

EDUCATION AND TRAINING

B.Tech in Information Technology

ITM SLS BARODA UNIVERSITY [01/08/2023 – Current]

City: Vadodara | Country: India | Website: <https://itmbu.ac.in/> | Level in EQF: EQF level 4

DIGITAL SKILLS

Maintaining websites (wordpress) / Databases (MySQL, PostgreSQL, Oracle) / Good Proficiency in designing websites using (HTML, CSS, and JavaScript) / Programming with Python, Node js, Ruby, Bash, React, Js / Machine Learning

PROJECTS

Fire Alarm System(IOT) - Team Leader

- **Real-Time Monitoring:** Continuously monitors temperature, smoke, and fire indicators in your environment, providing real-time data to your mobile device.
- **Instant Alerts:** Sends immediate notifications via SMS, email, or app alerts to your smartphone or other connected devices when potential fire risks are detected.
- **Remote Access:** Control and monitor the system remotely from anywhere in the world, ensuring peace of mind even when you're away.
- **Automatic Emergency Response:** Integrates with your local emergency services, automatically contacting them in the event of a confirmed fire.

- **Smart Integration:** Compatible with existing smart home or building systems, allowing for seamless integration and centralized control.

Hospital Management System(Database-MYSQL)

- **Patient Management:** Efficiently manage patient details, medical history, appointments, and billing information, all centralized in a secure MySQL database.
- **Electronic Health Records (EHR):** Digitally store and retrieve patient health records with ease, ensuring quick access to critical information for healthcare providers.
- **Appointment Scheduling:** Simplify appointment booking and management with automated scheduling and reminders, reducing no-shows and improving patient care.
- **Billing and Invoicing:** Automate billing processes with integrated payment systems, generating invoices, tracking payments, and managing insurance claims seamlessly.
- **Inventory Management:** Keep track of medical supplies, equipment, and pharmaceuticals, with real-time inventory updates and automated reordering.e the description...

Periodic Table Element Analyzer(Python Programming)

- **Element Lookup:** Quickly search and retrieve detailed information on any element, including atomic number, symbol, atomic weight, electron configuration, and more.
- **Interactive Interface:** User-friendly interface that allows easy navigation through the periodic table, with clickable elements to display in-depth data.
- **Data Visualization:** Visualize trends and properties across the periodic table with graphs and charts, such as atomic radii, electronegativity, and ionization energy.
- **Custom Queries:** Use Python scripting to perform custom queries and analyses on the periodic table, making it a versatile tool for research and learning.
- **Educational Mode:** Special mode for students and educators, offering quizzes, flashcards, and interactive tutorials to enhance learning.

CERTIFICATION

[2023 - 2024]

SAP - CERTIFICATE OF ACHIEVEMENT

1. Python Programming:

- Master the fundamentals of Python, one of the most versatile and widely-used programming languages.
- Learn to write clean, efficient code and develop complex applications with ease.
- Explore advanced Python concepts, including object-oriented programming, data structures, and file handling.

2. Data Analysis with Python:

- Delve into data analysis using powerful Python libraries like Pandas, NumPy, and Matplotlib.
- Gain hands-on experience in data manipulation, visualization, and statistical analysis.
- Learn to extract insights from large datasets and present them in a meaningful way to drive data-driven decisions.

3. Artificial Intelligence (AI):

- Explore the foundations of AI and machine learning algorithms.

- Understand how to build, train, and deploy AI models using Python libraries such as TensorFlow, Keras, and Scikit-learn.
 - Learn to apply AI techniques to real-world problems, including predictive modeling, natural language processing, and image recognition.
4. **SAP Conversational AI Chatbot Development:**
- Get introduced to SAP Conversational AI, SAP's platform for building intelligent chatbots.
 - Learn to design, build, and deploy chatbots that can interact with users in natural language.
 - Integrate chatbots with SAP systems and other business applications to automate tasks and improve customer engagement.

VOLUNTEERING

Vadodara

Volunteer at House of Humanity As a dedicated volunteer at House of Humanity, I am committed to making a positive impact in the lives of those in need. House of Humanity is a community-focused organization that strives to provide essential support and resources to vulnerable populations. My role involves actively participating in various initiatives, from organizing food drives and distributing essential supplies to offering emotional support and assistance to individuals and families facing difficult circumstances.

Through this experience, I've had the privilege of working alongside a passionate team, learning valuable skills in community service, empathy, and leadership. Volunteering at House of Humanity has deepened my understanding of social issues and strengthened my resolve to contribute to a more compassionate and inclusive society.

Link: <https://www.instagram.com/reel/C9kW5FYy2Qg/?igsh=MWs5NmRwMW1zemRtMQ==>

LANGUAGE SKILLS

Mother tongue(s): Gujarati

Other language(s):

English

LISTENING C2 READING C2 WRITING C2

SPOKEN PRODUCTION C2 SPOKEN INTERACTION C2

Levels: A1 and A2: Basic user; B1 and B2: Independent user; C1 and C2: Proficient user