

Harsh O. Mahavar

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Summary

Motivated IT Diploma student with hands-on experience in IT engineering, system administration, and technical support. Skilled in troubleshooting, hardware and software installation, and network management. Adept at collaborating with cross-functional teams to enhance operational efficiency and solve complex technical challenges. Passionate about expanding technical expertise and eager to contribute to a dynamic organization in the IT sector.

Technical Skills

- **IT Systems & Networking:** Hardware installation, troubleshooting, LAN setup, server management, backups, security protocols
 - **Software Proficiency:** Microsoft Office Suite, Linux CLI, Windows OS
 - **Programming & Web:** HTML, CSS, Python, PHP, JavaScript, Java
 - **Graphic Design:** Basic proficiency in graphic design tools
 - **Social Media Marketing:** Content creation, campaign management, analytics
 - **Soft Skills:** Teamwork, problem-solving, adaptability, punctuality, effective communication
 - **Languages:** Fluent in Hindi, English, and Gujarati
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Projects

Project 1: Only For Engineers (Website)

- **Description:** Developed a comprehensive website for engineering students, organizing content by department and subject, accessible free of charge.
- **Key Responsibilities:**
 - Designed and implemented the website using HTML, CSS, and PHP.
 - Integrated a SQL database for efficient data management.
 - Ensured user-friendly UI and seamless navigation for all students.

- **Achievement:** Provided a centralized platform for engineering resources, supporting multiple departments and subjects.

Project 2: Vyom Lander (3D Model)

- **Description:** Created a space-themed project with IoT integration to monitor real-time rocket parameters.
- **Key Responsibilities:**
 - Developed two IoT modules to detect and report real-time rocket temperature, distance, and motion.
 - Implemented data collection and visualization for critical rocket metrics.
- **Achievement:** Enabled real-time monitoring of rocket performance, enhancing safety and data-driven decision-making.

Project 3: NOVA AI Voice Assistant (AI & Robotics)

- **Description:** Developed an AI-powered voice assistant integrated with Arduino-based robotics to enable intelligent human-machine interaction through voice commands, facial detection, and automated task execution.
- **Key Responsibilities:**
 - Designed and built the hardware system using Arduino and embedded components.
 - Implemented AI-based voice recognition for command processing and response.
 - Integrated facial detection for enhanced interaction and user identification.
 - Developed automation features for performing smart tasks and responses.
- **Achievement:** Successfully created an interactive AI assistant that combines hardware and software intelligence, demonstrating real-world applications of AI, IoT, and robotics in automation systems.

Professional Experience

IT Engineer

Vadodara Municipal Corporation (VMC), Vadodara
2022 – 2023

- Managed and maintained IT hardware and software, ensuring optimal performance of all systems.
- Conducted remote troubleshooting for technical issues, minimizing downtime for end users.
- Assisted in server setup and configuration, implementing robust security protocols.
- Collaborated with cross-functional teams to implement IT solutions that enhanced operational efficiency.
- Developed comprehensive documentation for troubleshooting procedures and system configurations.

IT Engineer

Gujarat State Electricity Corporation Limited (GSECL), Vadodara
2021 – 2022

- Provided server management support, including performance monitoring, backups, and system updates.
 - Diagnosed and resolved hardware issues, coordinating repairs and replacements as needed.
 - Implemented software installations and updates across multiple systems for compliance.
 - Facilitated training sessions for staff on new software applications and IT best practices.
 - Maintained accurate records of IT assets and service requests to streamline operations.
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Internship & Additional Experience

Adri IT Solutions, Vadodara

- Duration: Dec 2025 – April 2026
- Assist in developing and executing social media strategies across platforms to enhance brand visibility and audience engagement.
- Create, schedule, and monitor content across social media channels while analyzing performance metrics to optimize reach and drive meaningful engagement.
- Support the marketing team in researching industry trends, competitor activity, and audience insights to contribute to data-driven campaign decisions.

At Digi Br&Ad, Vadodara

- Duration: 45 days Summer Internship 2025
- Description:
 - Acquired practical experience in social media marketing and graphic design using Adobe and Meta software.
 - Worked on real client projects, focusing on content creation, social media strategy, and visual branding.
 - Developed skills in using modern digital marketing tools and design platforms to enhance online presence and engagement

At Matrix Comsec, Vadodara

- Duration: 15 days Summer Internship 2024
- Description:
 - Observed and learned about the production process of various security and communication products.

- Gained hands-on understanding of the types of products manufactured and the technologies used in their development.
- Assisted in understanding product assembly, quality control, and workflow management.

Apprenticeship in Information Technology

GSECL, Vadodara

June 2020 – June 2021

- Gained hands-on experience in hardware installation, troubleshooting, and software configuration.
 - Assisted in LAN setup and server handling, monitoring performance and security.
 - Collaborated with senior IT professionals to learn best practices in system administration and support.
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Education

Diploma in Information Technology

RMS Polytechnic, Vadodara

June 2023 – Present (5th Semester Running)

- Currently pursuing a diploma in information technology, focusing on IT systems, applications, and security.
- Learning programming languages: HTML, CSS, Python, PHP, JavaScript, and Java.
- Designing static web pages using HTML and CSS.
- Practiced object-oriented programming concepts using **Java**, including file handling and user interface creation.
- Built and hosted an **Engineering Study Material Website** for the 2024 Project Expo, featuring categorized downloadable notes, video lectures, and subject-wise navigation.
- Created a **Space Monitoring & Measurement System** using **IoT devices** (motion sensor, temperature sensor, direction module, etc.) for the 2025 Project Expo.
- Displayed real-time **location, temperature, and motion data** of a simulated spacecraft using embedded systems and cloud sync.
- Secured **1st Prize** at the 2025 Project Expo for innovation in IoT-based space technology.
- Continuously exploring **web hosting, Linux OS, and Security Awareness** to enhance development and deployment skills.
- Collaborated in team-based projects, demonstrating leadership and technical coordination across all project stages.

ITI COPA (Computer Operator and Programming Assistant)

ITI, Vadodara

February 2019 – February 2020

- Completed a one-year ITI course, gaining foundational knowledge in computer operation and programming.
 - Developed proficiency in software applications (word processing, spreadsheets, presentations).
 - Learned basic programming concepts and data entry techniques.
 - Familiarized with internet applications and basic networking concepts.
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Certifications

- **Certification in Data Entry**
 - **Additional Online Courses:** (Add any relevant certifications you have completed, e.g., graphic design, social media marketing)
 - **JPMorgan Chase & Co. — Investment Banking Certification Course (Completed)**
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Additional Information

- **Interests:** Technology trends, web development, graphic design, social media marketing, sports, podcasts
 - **Note:** Eager to contribute skills and experience to a dynamic team. Available for work on holidays if needed.
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