

# MAHEK GOPANI

## UI/UX DESIGNER & FRONTEND DEVELOPER

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### SUMMARY

Aspiring UI/UX Designer and Front-End Developer with a strong foundation in user-centred design, web technologies, and problem-solving. Skilled in Figma, HTML/CSS, and JavaScript with hands-on experience in building responsive web applications and interactive prototypes. Passionate about design thinking, usability, and creating intuitive digital experiences.

### SKILLS & CORE COMPETENCIES

- Technical Skills: Java | C++ | Python | HTML | CSS | JavaScript | Figma | Adobe XD (Learning)
- Soft Skills: Leadership, Communication, Team Management, Event Management
- Languages: English, Hindi, Gujarati

### PROFESSIONAL EXPERIENCE

#### Graphic Design Intern, RevoltronX

Oct 2024 - Feb 2025

- Designed engaging digital assets, banners, and marketing visuals using Figma and Canva, enhancing brand identity and engagement across social platforms.
- Collaborated cross-functionally with content and product teams to maintain design consistency.

#### Web Development Intern, Prodigy InfoTech

May 2024 - Jun 2024

- Successfully completed an internship focused on frontend development, building five projects from concept to deployment; utilised key technologies to create functional web applications (stopwatch, tic-tac-toe, weather app) and responsive web pages (gym landing page, portfolio).

### EDUCATION

#### B.Tech - Information Technology (pursuing)

Aug 2022 - Aug 2026

Mukesh Patel School of Technology Management and Engineering, NMIMS

- CGPA till 6<sup>th</sup> Semester - 3.10/4.0
- Relevant coursework in Information Technology.

#### 12<sup>th</sup> (Science Stream)

Mar 2022

Shri T P Bhatia College of Science (Maharashtra Board)

- 68.17%

#### 10<sup>th</sup> (ICSE Board)

Mar 2020

Thakur International School

- 90.33%

### CERTIFICATIONS

#### Google Cloud Computing Foundations

May 2025

#### AWS Academy Cloud Architecting

Nov 2025

## PROJECTS

### **Restaurant Web Application ([Click here](#))**

- Developed a fully functional live restaurant web application with online table booking, surprise planning, and food ordering features, delivering a seamless end-to-end customer experience.

### **EduAssist - NMIMS AI Chatbot (Capstone Project)**

- Developed an AI chatbot for NMIMS University that fetches real-time data from the official website using structured scraping and API integration, delivering accurate, instant responses to academic and campus-related queries.

### **Mid-Term Test Management Portal (Figma UX System)**

- Developed a prototype for a mid-term test management portal that streamlines scheduling, registration, and result tracking while enhancing user experience through intuitive design and feedback integration.

### **University Database Management System (SQL)**

- Developed a University Database Management System to manage student records, course registration, and faculty information, implementing DDL functions, ensuring data integrity with constraints, and documenting the schema for clarity and maintenance.

### **Weather Web Application**

- Created a weather application with search functionality for instant city updates, real-time data display of temperature, humidity, and wind speed, dynamic icons for varying conditions, and error handling for invalid city names.

## RESEARCH WORK

### **AI-Powered Chatbots in Higher Education: A Performance-Oriented Review of Models and Approaches**

- Conducted a detailed literature review on AI-driven chatbots for higher education, evaluating model performance, interaction effectiveness, and deployment challenges while identifying gaps and future research opportunities.

### **Brain-Computer Interface (BCI): UI Design Challenges and Opportunities**

- Conducted a comprehensive literature review on Brain-Computer Interface (BCI) systems, focusing on UI design challenges, usability constraints, and emerging opportunities impacting user interaction and system performance.

## EXTRA CURRICULAR

- Head (Protsahan Cultural Festival '25)
- Tech Head (Ambiora Technical Festival '25)
- Head (Atrangi: The Fine Arts Club)
- Graphic Designing Organising Committee member (Inventia – E-Cell NMIMS Shirpur)
- Creative Organising Committee member (Atrangi: The Fine Arts Club)
- Social Media Marketing Organising Committee member(Atrangi: The Fine Arts Club)
- Graphic Designing Representative (The Writers' Hub)
- Media Organising Committee (SOBUS COE)