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 6th Semester - 3.10/4.0
- Relevant coursework in Information Technology.

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)