Kuldipsinh Makwana
Bachelor of Technology in Artificial Intelligence
Sardar Vallabhbhai National Institute of Technology, Surat

+91-7383485353
mkuldeepsinh9@gmail.com
LinkedIn

EDUCATION

Degree/Certificate	Institute/Board	CGPA/Percentage	Year
B.Tech - Artificial Intelligence	National Institute of Technology, Surat	8.57 (Current)	Jun 2023-Present
Higher Secondary	GHSEB Board(Gujrat)	74.00%	March-2023
Secondary	GSEB Board(Gujrat)	96.67%	May-2021

PROJECTS

- **MINDBEND Techno-Managerial Fest Website**   *Nov. 2024 - Jan. 2025*
  Next.js, Flowise AI, Groq, Llama 3.3, MongoDB, Git   www.mindbend-svnit.com
  - Optimized backend infrastructure using **Next.js**, reducing server response time by **30%** and improving load times for **1,000+** concurrent users, enhancing scalability and user experience.
  - Integrated a **Flowise AI** chatbot with **Groq** and **Llama 3.3**, delivering advanced, seamless user interaction for festival participants.
  - Implemented **MongoDB** for efficient data management, optimizing queries to handle **1,000+** records, ensuring fast access and performance.
  - Developed an admin panel for easy content management and user interaction tracking, streamlining event management and improving operational efficiency.
- **AI-Powered Voice Virtual Assistant and PDF Data Extractor**   *July 2024 - Aug 2024*
  Python, SpeechRecognition, NLP, Streamlit, PDFPlumber, pandas, PyAudio
  - Built a voice-activated assistant with **95%** accuracy in voice command recognition using Python, SpeechRecognition, and NLP.
  - Connected **NewsAPI** and **Wikipedia API** to furnish real-time data aggregation; delivered **100+ daily automated news summaries** tailored to user preferences, boosting user engagement by **30%** within the first month.
  - Developed a PDF data extraction tool using Streamlit and PDFPlumber, achieving **99%** data extraction accuracy.
  - Optimized data processing by **40%** using pandas, improving system performance.

TECHNICAL FUNDAMENTALS AND SKILLS

- **Computer Languages & Technologies**: Python, C++, C, JavaScript, SQL, HTML5, CSS, TypeScript, ReactJS, NodeJS, ExpressJS, Next.js, Tailwind CSS, Git, MongoDB, MySQL, Linux
- **Tech Fundamentals**: Data Structures and Algorithms, Database Management Systems, Object-Oriented Programming, Operating Systems, Computer Organization, Machine Learning Algorithms, Neural Networks, Deep Learning, Computer Vision, Cybersecurity Fundamentals, Software Engineering, Computer Networks.

ACHIEVEMENTS

- **Competitive Programming**: Solved **500+** algorithmic challenges across multiple platforms, demonstrating strong computational thinking and proficiency in data structures algorithms (DSA).
- **LeetCode Performance**: Resolved **340+** problems on LeetCode, showcasing advanced logical reasoning and algorithmic expertise. Regularly participate in contests, enhancing problem-solving and code optimization skills.
- **Codeforces Rating**: Tackled **140+** problems and competed on Codeforces, showcasing coding efficiency. Participate in rated and virtual contests, upsolving to refine strategies.
- **GeeksforGeeks Profile**: Completed **45+** challenges on GeeksforGeeks, strengthening algorithmic problem-solving abilities.
- **ACM Summer Challenge**: Successfully completed the **30-day daily coding challenge** on HackerRank as part of the ACM Summer Challenge View certificate.

LEADERSHIP & INVOLVEMENT

Training and Placement Coordinator, Artificial Intelligence Department, NIT Surat   *Nov. 2023 - Present*
- Coordinated recruitment processes and facilitate communication between students and companies.
- Organized career development sessions, mock interviews, and resume-building workshops for students.

Web Development Co-Head, Mindbend - NIT Surat's Techno-Managerial Fest   *Oct. 2024 - Present*
- Led web development initiatives for Gujarat's largest techno-Managerial fest.
- Implemented innovative web solutions demonstrating advanced full-stack development skills.