NIKKI MEHTA

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EDUCATION

B.Tech. in Artificial Intelligence and Data Science, CGPA:9.38
Dwarkadas J. Sanghvi College of Engineering, Mumbai   **(2022-2026)**

Relevant Coursework - Data Structures, Analysis of Algorithms, Machine Learning, NLP,
Database Management Systems, Operating Systems, Artificial Intelligence, Image Processing
and OpenCV, Optimization techniques, Deep Learning, Statistics, Data Mining and Analytics.

HSC: 85%,T.P Bhatia College Of Science   **(2020-2022)**

SSC: 92%,Carmel Of St. Joseph School   **(2010-2020)**

INTERNSHIP

Winter Internship (Research)- NextGen Research and Innovation Hub
26 Dec 2024 - 16 Jan 2025

PUBLICATIONS

**Enhancing Mental Health Disorder Detection: A Hybrid Classifier System Using Soft Voting and
Ensemble Methods**
Published in IJFMR │ Read here

PROJECTS

Indian Sign Language (ISL) Translation Platform
- Developed a real-time system using LSTM networks for gesture-to-text, text to speech, speech-to-text
  and text-to-gesture translation. Completed data collection, gesture generation, and website
  development to enhance communication between deaf and hearing communities.

Notesverse – Feature-Rich Note-Taking Platform (MERN Stack)
- Developed a modern, scalable note-taking web app with login/signup, add/update/search/delete
  features. Ensured speed and efficiency with an intuitive UI and smooth user experience.

Connect - Real-time Chat Web Platform
- Built a real-time messaging platform using Node.js, Express, Socket.IO, and JavaScript. Enabled
  seamless chat conversations with an intuitive interface, allowing users to connect instantly, regardless
  of distance.

IPL Win Predictor (Streamlit, ML, Python)
- Developed a machine learning-based IPL match outcome predictor using historical data and statistical
  modeling. Built an interactive web application using Streamlit to allow users to input match details and
  get real-time predictions.

HerNurtureAI (MERN Stack)
- Developed an AI-powered web platform aimed at providing mental health support and guidance to
  women. Implemented personalized recommendations, chat assistance, and secure user
  authentication.

SKILLS

- Languages: C, Javascript, Python, Java, SQL
- Tools/Frameworks: React.js, Node.js, Express.js, Bootstrap, HTML5,CSS3,Tailwind CSS
- Databases: MySQL, MongoDB
- Data Science: Numpy, Pandas, Matplotlib, Seaborn

ACHIEVEMENTS / CERTIFICATES

- **Selected for JPMorgan Chase External Engagement Program**
  Chosen to participate in a prestigious program focused on industry collaboration, gaining exposure to real-world financial services challenges and innovative solutions.

- **JPMC Job Simulation on Forage (September 2024)** Completed a job simulation where I enhanced my skills in fraud detection, application security,   and machine learning-based email classification, gaining insights into financial crime analysis and cybersecurity best practices.

- **PwC Switzerland Power BI Job Simulation on Forage - August 2024**
  Completed a job simulation where I strengthened my PowerBI skills to better understand clients and their data visualisation needs.

- **Certified in Business Intelligence using Power BI**
  Awarded by Skill Nation for demonstrating proficiency in data visualization, report generation, and analytical insights using Power BI.