

Nilesh Mori

B.Tech – ICT with Minor in Computational Science, DA-IICT

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Education

Dhirubhai Ambani Institute of Information and Communication Technology

CPI: 6.72

2023-Present

Gandhinagar, Gujarat

Sigma Public School (GHSEB)

Percentage: 77.07%

2022-23

Porbandar, Gujarat

Sigma Public School (GSEB)

Percentage: 89%

2020-21

Porbandar, Gujarat

Experience

Craft Silicon Foundation

2024-11-05

Intern

Ahmedabad, Gujarat

- Engaged in rural development initiatives across Panchmahal by working closely with local communities to support village improvement efforts.
- Assisted at the Craft Silicon office in Ahmedabad and helped distribute *Safari* magazines to multiple government schools across Gujarat.
- Volunteered as a teacher at Sadarpur Prathmik Shala in Sadanpur, Shahera, supporting primary education in rural areas.

Projects

Chat App | Next.js, Express.js, WebSocket, MongoDB, Auth.js



- Built a real-time chat app with websocket
- Implemented WebSocket backend using Express.js with email-authenticated messaging using Auth.js.
- Messages persist in MongoDB, allowing offline users to retrieve chat history.

VISHWA: Vital Information System For Health Wellness and Awareness | PostgreSQL, ER Modeling, DBMS



- Designed and implemented a robust health database to manage users, medical centers, resources, diseases, and awareness campaigns.
- Created ER diagrams and relational schemas to define complex relationships and ensure normalized structure.
- Executed schema using PostgreSQL with well-defined constraints and documented SQL scripts.

Student Placement Manager | C++, OOP, File I/O



- Developed a console-based application to manage student placement records using Object-Oriented Programming in C++.
- Implemented core modules such as student registration, company creation, placement allocation, and editing/updating records.
- Utilized file handling to store and retrieve persistent data for students and companies in text files.
- Followed modular design principles, creating reusable class structures for maintainability and scalability.

Technical Skills

Languages: C++, C, JavaScript, SQL

Frameworks & Libraries: React.js, Next.js, Node.js, Express.js, Tailwind CSS

Databases & Cloud: MongoDB, PostgreSQL, Cloudinary

Developer Tools: Git, Linux Shell, VS Code, Postman

Coursework: Data Structures and Algorithms, DBMS, Operating Systems, Computer Networks, Signal Processing

Soft Skills: Problem Solving, Team Collaboration, Communication, Time Management

Areas of Interest: Full Stack Development, System Design, Competitive Programming, Machine Learning

Achievements

- Built and deployed multiple full-stack apps including a real-time chat platform and blog system.
- Selected for internship at Craft Silicon Foundation based on performance and project portfolio.
- Consistently maintained 100-day coding streak including LeetCode, Codeforces, and projects.
- Ranked in the top 5 in the GUJCET in Porbandar.