Niraj Modi

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linkedin.com/paardarshee **github.com/paardarshee** **leetcode.com/paardarshee**

Education

Asansol Engineering College	Asansol, WB, India (2021-25)
B.Tech in **CSE (AIML)**	**CGPA: 8.9**

Indian School of Learning	Jharia, Jharkhand, India (2019-21)
Higher Secondary (PCM)	**Percentage: 83.7%**

Technical Skills

- **Languages:** C++, Java, Python, HTML, CSS, JavaScript, TypeScript

- **Frameworks & Tools:** ReactJs, NextJs, NodeJs, Express, Tailwind CSS, SASS, Git, GitHub, VSCode

- **Core Concepts:** Object-Oriented Programming, Data Structures and Algorithms, Database Management Systems, Microservices, Full-Stack Development

Experience

Software Development Intern	**Jan 2024 - Jul 2024**
Dair.cloud (Subsidiary of NIC INFOTEK)	**Florida, USA (Remote)**

- Built scalable web apps using **TypeScript**, **NodeJs**, and the MVC pattern, improving code structure and modularity.

- Developed a **Role-Based Access Control** system for 50+ users, reducing permission-related errors by 20%.

- Refactored API endpoints with **SOLID principles**, improving response time by 30% and easing maintenance.

- Created reusable UI components in **React + Tailwind**, increasing front-end development efficiency by 15%.

- Optimized **PostgreSQL queries** for faster data retrieval and enhanced backend scalability.

Projects

Focused Mind — **JavaScript**, **Chrome APIs**, **Manifest V3**   **Jan 2025 - Jun 2025**

- Built a Chrome extension to boost productivity with Pomodoro timer, website blocking, and custom focus sessions.

- Used Manifest V3 and Chrome APIs with features like restricted nighttime edits and screen time alerts.

Medimate — **Python**, **FastAPI**, **PostgreSQL**   **Jan 2025 - Jun 2025**

- Built the backend of a cervical abnormality detection app with **FastAPI**, JWT auth, and REST APIs for users, reports, and diagnoses.

- Integrated a CNN model for real-time predictions with **secure image uploads**, file validation, and custom middleware.

- Designed **modular API routes**, role-based access, and database models using **PostgreSQL**, enabling seamless Flutter frontend integration.

Quilog — **React**, **NextJs**, **MongoDB**   **Jun 2023 - Jul 2023**

- Built a blog platform supporting Markdown, authentication, and user engagement via likes and comments.

Achievements

- Top 2.7% globally on **LeetCode** with a **Knight rating of 2003**.

- Ranked **438 out of 400,000+ participants** in the **TCS CodeVita** international coding competition.

- Ranked **548** in Leetcode Weekly 425.

- Ranked **756** in IICPC Codefest 2025.

- Solved **1500+ problems** in **Data Structures and Algorithms** across multiple platforms (LeetCode, Codeforces, HackerRank), achieving consistent rankings in the **top 10%** of contests.

- **Runner-up** and **Second Runner-up** in **Ideathons** at college.

Volunteering Experience

- Led the **Google Developer Student Clubs (2023-24)**, growing the club to **1300+ members** and hosting **20+ events**.

- Facilitated **Google Cloud Arcade workshops** to promote cloud technologies.

- Managed the **Coding Club**, coordinating **14+ core members** for efficient task delivery.

Soft Skills

Leadership, **Creativity**, **Team Collaboration**, **Communication**, Decision-Making