# Niraj Modi

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Education

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

**CGPA: 9.0** 

Indian School of Learning Higher Secondary (PCM) Jharia, Jharkhand, India (2019-21)

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 Dair.cloud (Subsidiary of NIC INFOTEK)

Jan 2024 - Jul 2024 Florida, USA (Remote)

- Engineered scalable web applications using **TypeScript** and **NodeJs**, optimizing for MVC design patterns.
- Implemented a Role-Based Access Control system, enabling fine-grained user permissions for 50+ users, reducing errors by 20%.
- Refined API endpoints by adhering to **SOLID principles**, leading to a 30% reduction in response times.
- Designed reusable components in **React** and **Tailwind CSS**, achieving a 15% boost in front-end development efficiency.
- Optimized PostgreSQL queries, resulting in 30% faster data retrieval and improved application scalability.

#### **Projects**

## $\underline{\mathbf{Quilog}} - \mathbf{JavaScript}, \, \mathbf{React}, \, \mathbf{NextJs}, \, \mathbf{Tailwind} \, \, \mathbf{CSS}, \, \mathbf{MongoDB}$

Jun 2023 - Jul 2023

- Built a full-stack blogging platform supporting Markdown, with over 100 posts created by users in the first month.
- Enhanced user interaction by incorporating **authentication**, commenting, and like features, leading to a 25% increase in user engagement.

#### KEEP-IT — React, Material UI, IndexedDB

Nov 2022 - Nov 2022

• Developed a **note-taking app** with offline storage support using IndexedDB, with users benefiting from offline functionality.

#### 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 (<u>LeetCode</u>, 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