

Niraj Modi

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Personal Information

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Technical Skills

- **Languages:** C++, Java, Python, JavaScript, TypeScript
- **Frameworks:** ReactJs, NextJs, NodeJs, Express, Tailwind, PrimeReact, SASS
- **Databases:** MongoDB, PostgreSQL
- **Tools:** Git, GitHub, VSCode, Linux/Unix, Docker
- **Other:** Data Structures, Algorithms, OOP, Microservices, DBMS

Soft Skills

Leadership, Creativity, Teamwork, Communication

Achievements

- **Top 3.4%** globally on LeetCode with a **Knight** rating of 1962
- **Rank 438** in TCS CodeVita, an international coding competition
- Solved **1500+** problems in **Data Structures and Algorithms** across platforms (LeetCode, Codeforces, HackerRank)
- Runner-up and second runner-up in college **Ideathons**

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.

Education

Asansol Engineering College
B.Tech in CSE (AIML)

Asansol, WB, India (2021-25)
CGPA: 9.18

Indian School of Learning
Higher Secondary (PCM)

Jharia, Jharkhand, India (2019-21)
Percentage: 83.7%

Experience

Software Development Intern
Dair.cloud

Jan 2024 - Current
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.
- Automated workflows using **Camunda BPMN**, cutting manual processing times by **20%**.
- Integrated **Elasticsearch** for **global search**, enhancing search performance for over **10,000 records**.

Projects

Quilog — JavaScript, React, NextJs, Tailwind CSS, MongoDB [link](#)

- 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

[link](#)

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

STACKCALC — HTML, CSS, JavaScript

[link](#)

- Engineered an innovative web-based calculator with **stack** functionality, resolving complex computational tasks; contributed to streamlined performance evaluations during software development phases of projects.