Niraj Modi

+917384812654 | modiniraj1034@gmail.com | nirajmodi.me | linkedin.com/thecodeventurer | github.com/thecodeventurer

Summary

Full-Stack Developer with experience in **software development** and building **scalable Applications**. Proficient in **Web Application Development**, solving technical problems, and collaborating on innovative solutions. Strong skills in **algorithms**, **data structures**, and **software design**. Fluent in **C++**, **Java**, **JavaScript**, and **Python**, and driven to solve complex engineering challenges in a productive, team-based environment.

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, Object-Oriented Programming, Microservices, Database Management Systems, Machine Learning Basics

Soft Skills

Leadership, **Adaptability**, **Teamwork**, **Communication**

Achievements

- **Top 3.4%** globally on LeetCode with **Knight** (max 1962) rating

- **Rank 438** in TCS CodeVita (International Coding Competition)

- Solved over **1500+** problems in **Data Structures and Algorithms** across multiple platforms (LeetCode, Codeforces, HackerRank)

- **Google Developer Student Clubs Lead** (2023-24), growing a club to **1300+ members** and **20+ events** organized

- **Google Cloud Arcade Facilitator**, promoting cloud technologies

Experience

Software Development Intern — Jan 2024 - Current
Dair.cloud — Florida, USA (Remote)

- Designed and developed **scalable web applications** using **TypeScript** and **NodeJs**, adhering to **MVC design patterns**.

- Developed a **Role Based Access Control** mechanism across the firm, allowing users to perform specific actions on selective modules based on permissions.

- Applied **Software Design Principles** to reduce the size of APIs, enabling **faster functionalities** and improving overall system performance.

- Developed **reusable components** in **React** and **Tailwind CSS**, improving user experience and interface consistency.

- Optimized PostgreSQL database, enhancing **performance** and **scalability**, reducing API response times by **30%**.

- Automated tasks using **Camunda BPMN**, streamlining workflows and improving efficiency.

- Integrated **Elasticsearch** for fast and scalable **global search** functionality.

Projects

Quilog — JavaScript, React, NextJs, Tailwind CSS, MongoDB link

- Developed a full-stack blogging platform with **Markdown support**, enabling users to create and format dynamic content.

- Integrated user authentication and social features like **comments** and **likes**, improving user engagement.

KEEP-IT — React, Material UI, IndexedDB link

- Created a note-taking app with **offline storage support**, ensuring functionality without internet access using **IndexedDB**.

STACKCALC — HTML, CSS, JavaScript link

- Built a web-based calculator using **Stack Data Structure**, delivering efficient computation management.

Education

Asansol Engineering College — Asansol, West Bengal, India (2021-25)
B.Tech in **Computer Science Engineering** (**AIML**) — **CGPA: 9.18**

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