

Siddharth Patil

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SUMMARY

Full-stack Software Engineer with a passion for problem-solving and building scalable web applications. Proficient in the MERN stack, with solid knowledge of C++ and Java.

EDUCATION

National Institute of Technology Raipur

B.Tech in Electronics and Communication Engineering (CGPA - 7.61)

2020 – 2024

Raipur, Chhattisgarh

EXPERIENCE

Assistant Systems Engineer

Tata Consultancy Services

August 2024 – Present

Ahmedabad, Gujarat

- Built 35+ responsive UI screens using Next.js, TypeScript, and Tailwind CSS, ensuring cross-device consistency
- Leveraged SSR and SSG in Next.js to reduce page load time by 2s, boosting performance and user retention
- Implemented global state management with Redux, reducing component re-renders by 25%
- Utilized Azure for secure API integrations, authentication, and deployment to enable scalable architecture
- Managed CI/CD pipelines with GitLab, automating workflows and reducing deployment time by 30%
- Collaborated with cross-functional teams to deliver robust technical solutions aligned with business objectives

PROJECTS

QuoteWise | [Github](#) | ReactJS, NodeJS, MongoDB, Express, NodeMailer, GeminiAPI

- Built a platform that enables users to manage up to 10,000 quotes across organized lists and tags, ensuring scalability and efficient search
- Automated email delivery of daily quotes using NodeMailer, eliminating manual curation and enhancing user engagement
- Secured user accounts with OTP verification and JWT-based authentication, reducing risk of unauthorized access
- Integrated Google's Gemini API to generate AI-powered quotes, increasing content relevance and user retention

Musicity | [Github](#) | ReactJS, NodeJS, MongoDB, Express, Clerk, Socket.io, ShadCN

- Developed a music streaming platform with real-time chat, supporting up to 50 concurrent users
- Built a responsive music queue system with intuitive track controls
- Integrated ClerkAuth for secure authentication and implemented real-time features using Socket.io for instant interaction
- Enabled song activity syncing to allow users to view what others are streaming, increasing average engagement time by 30%

CodeRunner | [Github](#) | ReactJS, NodeJS, MongoDB, Express

- Developed an online coding platform supporting over 10 programming languages, enabling users to write, compile, and execute code in-browser
- Integrated PistonAPI to execute code securely and reliably
- Implemented JWT-based authentication to protect user sessions and prevent unauthorized access
- Added detailed error handling to highlight syntax issues and runtime errors, improving user debug efficiency by 40%

TECHNICAL SKILLS

Languages: C/C++, Java, JavaScript, SQL

Frontend Technologies: HTML5, CSS3, JavaScript (ES6+), TypeScript, React.js, Next.js, TailwindCSS

Backend & Databases: REST APIs, Express.js, MySQL, MongoDB

Fundamentals: DBMS, Operating Systems, OOPS, Computer Networks, SOLID Principles

ACHIEVEMENTS

- Achieved a **Global Rank of 1202** out of **28,000+ participants** in LeetCode Weekly Contest 444 ([LeetCode Profile](#))
- Rated **1676** on LeetCode, placing in the **Top 15%** site-wide based on long-term contest performance
- Achieved **Expert Rank** on the CodeStudio platform by Coding Ninjas ([CodeStudio Profile](#))