

# Siddharth Tiwari

Full Stack Developer

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## Summary

Full Stack Developer with hands-on experience in React.js, Next.js, and Node.js building scalable applications. Skilled in RESTful API design, frontend optimization, and cloud deployment. Seeking impactful Full Stack or Frontend roles.

## WORK EXPERIENCE

### Aartick Technologies

Full Stack Developer Intern

July, 2025 - Present

- Developed 5+ full-stack web apps with Next.js, React.js reducing page load by 40% via code splitting and lazy loading
- Built RESTful APIs (Node.js, Express.js) handling 100+ concurrent requests with MongoDB optimization
- Implemented real-time features (WebSockets, Firebase) improving user engagement by 25%
- Deployed on Vercel and Azure with CI/CD pipelines, reducing deployment time by 60%

## EDUCATION

### S K Somaiya College

M.Sc. in Computer Science

2024 - 2026 (Pursuing)

### S K Somaiya College

B.Sc. in Computer Science (Hons) - 8.52

2021 - 2024

## SKILLS

- **Frontend:** React.js, Next.js, TypeScript, Tailwind CSS, Shadcn UI, Material UI, HTML5, CSS3
- **Backend:** Node.js, Express.js, RESTful APIs, .NET
- **Databases:** MongoDB, MySQL, Firebase, Supabase, PostgreSQL
- **Auth & Security:** Clerk Auth, Google OAuth, JWT
- **Tools:** Git, GitHub, Postman, Vercel, Azure, CI/CD Pipelines
- **Concepts:** Component-based Architecture, MVC, RBAC, Performance Optimization, Agile, Code Splitting

## PROJECTS

### AI Trip Planner [🔗](#)

- Designed and developed an AI-powered travel planning system generating dynamic, personalized itineraries using real-time data processing.
- Integrated Google Maps API with Firebase Realtime Database using optimized query indexing, reducing response latency by 40%.
- Improved performance using lazy loading and state optimization, achieving enhanced mobile responsiveness.
- Deployed via cloud hosting (Vercel) with CI/CD pipeline for continuous updates.
- **Tech Stack:** React.js, Firebase, Tailwind CSS, Google Maps API, Google OAuth

### CodeCrafter - IDE [🔗](#)

- Engineered a browser-based real-time code editor with live preview and state synchronization.
- Applied React performance optimization techniques (memoization, code splitting, lazy loading) improving page load by 35%.
- Implemented auto-save functionality with MongoDB and Express RESTful API supporting data persistence and crash recovery.
- Designed modular MVC-based architecture improving maintainability and scalability.
- **Tech Stack:** React.js, Node.js, Express.js, MongoDB, Tailwind CSS

### HireHub - Job Portal

- Developed full-stack job portal supporting role-based access control and JWT authentication for security.
- Implemented full-text search and real-time notification system boosting recruiter-applicant match efficiency by 50%.
- Architected scalable user management system supporting high traffic load and multiple user roles.
- Optimized platform performance by implementing caching strategies and API response compression.
- Deployed responsive application with seamless mobile-first design principles.
- **Tech Stack:** React.js, TypeScript, Supabase, Clerk Auth, Shadcn UI

### CERTIFICATE

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Frontend Development with React (Coursera) [!\[\]\(99f58673407353e96a019fbca558fd72\_img.jpg\)](#)

Foundations of Web Development (Udemy) [!\[\]\(0f848bbd71cef6b345273b16f905912a\_img.jpg\)](#)