

Siddharth Tiwari

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SUMMARY

Full Stack Developer specializing in React and Next.js with experience building performance-optimized, production-ready web applications. Strong in REST API design, authentication, and scalable system architecture, with hands-on cloud deployment experience.

WORK EXPERIENCE

Aartick Technologies

Full Stack Developer Intern

July, 2025 - Present

- Built and maintained **5+ production-ready full-stack applications** using **Next.js and React**, improving page load performance through code splitting and lazy loading.
- Designed and developed **RESTful APIs** using **Node.js and Express**, optimized MongoDB queries to reliably handle **100+ concurrent users**.
- Implemented **real-time functionality** using **WebSockets & Firebase**, resulting in a **25% increase in user engagement**.
- Managed **cloud deployments** on **Vercel and Azure**.

EDUCATION

S K Somaiya College

M.Sc. in Computer Science

2024 - 2026 (Pursuing)

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

2021 - 2024

SKILLS

- **Languages:** JavaScript, Python
- **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
- **Tools:** Git, GitHub, Postman, Vercel, Azure, CI/CD Pipelines

PROJECTS

AI Trip Planner [🔗](#)

- Designed and built an AI-powered travel planning application that generates personalized itineraries based on user preferences and real-time data.
- Integrated Google Maps API with Firebase Realtime Database.
- Improved overall application performance through lazy loading and efficient state management, resulting in a smoother and more responsive mobile experience.
- Tech Stack: React.js, Firebase, Tailwind CSS, Google Maps API, Google OAuth

CodeCrafter - IDE [🔗](#)

- Developed a **web-based IDE** that allows users to write code with **real-time preview and synchronized state updates**.
- Optimized rendering and load performance by applying **React memoization, lazy loading, & code splitting**.
- Implemented an **auto-save system** using **MongoDB and Express REST APIs**, ensuring data persistence and recovery during unexpected crashes.
- Structured the application using a **clean MVC architecture**, improving long-term maintainability & scalability.
- **Tech Stack:** React.js, Node.js, Express.js, MongoDB, Tailwind CSS

HIREsensei - AI Job Recommendation Platform [🔗](#)

- Built an **AI-powered platform** that analyzes resumes and recommends relevant job roles with explainable match scores, **improving job relevance by 40%**.
- Implemented resume parsing, skill extraction, and skill gap analysis using **NLP techniques**.
- Developed a hybrid job sourcing system combining job **APIs & web scraping** from public job boards.
- Designed a job tracking dashboard to manage saved and applied jobs.
- **Tech Stack:** Next.js, FastAPI, MongoDB, Python, NLP, JWT, Web Scraping, AI, Vercel

CERTIFICATE

Frontend Development with React (Coursera) [🔗](#)