

Siddharth Tiwari

9136309713 | siddharthtiwari1265@gmail.com | linkedin.com/in/siddharth-tiwari | github.com/siddharthh12 | [Portfolio](#)

EDUCATION

S K Somaiya College

M.Sc. in Computer Science (Pursuing)

Mumbai, India

2024 – 2026

S K Somaiya College

B.Sc. in Computer Science (Hons), CGPA: 8.52

Mumbai, India

2021 – 2024

EXPERIENCE

Aartick Technologies

July 2025 – Present

Full Stack Developer Intern

- 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 and Firebase, resulting in a 25% increase in user engagement.
- Managed cloud deployments on Vercel and Azure.

PROJECTS

AI Trip Planner | GitHub | Live

- 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 | GitHub

- Developed a **web-based IDE** that allows users to write code with **real-time preview and synchronized state updates**.
- Optimized rendering and load performance using **React memoization, lazy loading, and 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 and scalability.
- **Tech Stack:** React.js, Node.js, Express.js, MongoDB, Tailwind CSS

HireHub – Job Portal | GitHub

- Developed a **full-stack job portal** with **role-based access control** and **JWT-based authentication**, ensuring secure access for recruiters and applicants.
- Designed a **scalable user management system** capable of handling high traffic and multiple user roles.
- Improved overall platform performance by introducing **caching mechanisms and API response compression**.
- **Tech Stack:** React.js, TypeScript, Supabase, Clerk Auth, Shadcn UI

TECHNICAL SKILLS

Languages: JavaScript, Python

Frontend: React.js, Next.js, TypeScript, Tailwind CSS, Shadcn UI, Material UI, HTML5, CSS3

Backend: Node.js, Express.js, REST APIs, .NET

Databases: MongoDB, MySQL, PostgreSQL, Firebase, Supabase

Tools: Git, GitHub, Postman, Vercel, Azure, CI/CD Pipelines

CERTIFICATES

Frontend Development with React (Coursera) [Link]

Foundations of Web Development (Udemy) [Link]