

# Siddharth Tiwari

9136309713 | [siddharthtiwari1265@gmail.com](mailto:siddharthtiwari1265@gmail.com) | [linkedin.com/in/siddharth-tiwari](https://www.linkedin.com/in/siddharth-tiwari) | [github.com/siddharthhh12](https://github.com/siddharthhh12) | [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, Shaden UI

## TECHNICAL SKILLS

**Languages:** JavaScript, Python

**Frontend:** React.js, Next.js, TypeScript, Tailwind CSS, Shaden 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]