Sidhant Kumar

 23f1001556 | sidhantkumarsk | portfolio | sidhantsksk@gmail.com | +918540060180

Summary

Passionate about **full-stack web development** and exploring the intersection of **AI and SaaS applications**. Interested in building responsive, scalable, and innovative solutions that leverage modern web technologies and AI to solve real-world problems.

Education

2023 - present	B.S in Data Science at **Indian Institute Of Technology Madras**	(CGPA: 6.0)
2022 - 2026	B.Tech in Computer Science at **Techno India University**	(CGPA: 7.1)

Projects

Loop

Developing a full-stack SaaS platform for university students to manage campus resources, communication, and tasks. Features include real-time messaging, AI-assisted tools, role-based access, notifications, and dashboards for collaborative, data-driven academic management.
Tech Stack: Next.js, React, Tailwind CSS, Shadcn/UI, oRPC, Prisma ORM, Neon Postgres, Kinde (OAuth), Arcjet, Cloudflare Durable Objects, Vercel, Zod, TypeScript

Vehicle Parking App

Built a multi-user parking management app using **Flask**, **Vue.js**, **SQLite**, and **Redis/Celery**. Implemented role-based dashboards, automated parking spot allocation, booking history, scheduled reminders, monthly reports, and asynchronous data exports with responsive Bootstrap UI.
Tech Stack: Flask (API), Vue.js , SQLite (Database), Redis + Celery (Caching & Batch Jobs), Bootstrap

Quiz-Master

Developed a multi-user full-stack exam preparation web application with separate dashboards for administrators and users. The admin can create and manage subjects, chapters, and quizzes, while users can register, attempt quizzes, and view scores. The system includes quiz management, scoring, and performance tracking features, built entirely using Flask and SQLite.
Tech Stack: Flask, Jinja2, Bootstrap, SQLite, Matplotlib, Render, SQLAlchemy

Portfolio Website

Developed a personal portfolio website to showcase projects, skills, and achievements using **Next.js** and **Tailwind CSS**. The site features a responsive, modern design with smooth navigation and optimized performance for both desktop and mobile devices.
Tech Stack: Next.js, Tailwind CSS, JavaScript, HTML, CSS, Vercel

Skills

Web Development	Flask, Next.js, Express.js, React.js, NodeJs, VueJs, React-Router, App-Router, REST API,
Database management	MongoDB, PostgreSQL, SQL Commands
Automation DevOps	Git, GitHub, GitHub Actions, Vercel, Render
Languages	Python, Javascript, Shell Scripting, Object Oriented, TypeScript