

Dhruvil Mistry

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Education

Master of Computer Application

2024 – Present

Sardar Vallabhbhai Patel Institute of Technology

CGPA: 8.41

Bachelor of Computer Application

2021 – 2024

Dharamsinh Desai University

CGPA: 7.1

Work Experience

Frontend Developer Intern

Dec 2023 – Mar 2024

Skynet Global Systems

- Developed responsive React UI components for OTA platform used by real users
- Built booking flows and authentication screens improving usability
- Integrated REST APIs to enable real-time travel data display

Projects

SMS-Dispatch NPM Package

- Developed open-source Node.js package that transforms Android devices into SMS gateways, reducing SMS costs to near-zero
- Created 50+ customizable message templates for OTPs, reminders, and marketing campaigns with 5-minute integration setup
- Published to NPM registry with comprehensive documentation and developer-friendly API design

YouTube AI Notifier

- Automated YouTube channel monitoring system that detects new uploads every 5 minutes and sends AI-powered email notifications with video summaries
- Integrated OpenAI for intelligent content summarization and implemented duplicate notification prevention using JSON-based tracking
- Deployed production-ready solution with scheduled cron jobs, supporting 24/7 operation and scalable multi-channel monitoring

Mindspark AI Chatbot

- Built conversational AI chatbot with Next.js frontend and Google Gemini API integration, deployed on Vercel with responsive UI
- Implemented real-time message streaming and error handling to ensure reliable AI-powered conversations
- Designed clean, extensible architecture supporting multiple chat sessions and persistent conversation history

Technical Skills

Frontend: HTML, CSS, Tailwind CSS, React.js, Next.js, Tanstack Query, GSAP, Redux, Zustand

Backend: Node.js, Express.js, REST API, GraphQL

Database: MongoDB, MySQL, Oracle, PostgreSQL

Programming Languages: C, C++, Java, Python, JavaScript, TypeScript

Tools & Technologies: Git, GitHub, Docker, Postman, Vercel, Render, Prisma, Drizzle ORM, Neon