

# Dhruvil Mistry

🌐 dhruvilmistry.in   dkmistry0203@gmail.com   +91 8511017102    dhruvil-mistry    dhruvil0203

## Education

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| <b>Sardar Vallabhbhai Patel Institute of Technology</b><br><i>Master of Computer Applications (M.C.A) - CGPA: 8.52</i> | 2024 – 2026 |
| <b>Dharamsinh Desai University</b><br><i>Bachelor of Computer Applications (B.C.A) - CGPA: 7.10</i>                    | 2021 – 2024 |

## Work Experience

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| <b>MERN Stack Developer</b> <i>Excelsior Technology</i><br>Built and deployed full-stack web applications using MongoDB, Express.js, React, and Node.js. Collaborated with design and backend teams to deliver scalable, production-ready features. | Jan 2026 – July 2026 |
| <b>Frontend Developer</b> <i>Skynet Global Systems</i><br>Built responsive React UI components for an OTA (Online Travel Agency) platform including booking flows and auth screens. Integrated REST APIs for real-time travel data.                 | Dec 2023 – Mar 2024  |

## Projects

- **SMS-Dispatch**   *Node.js, NPM Package*   [Code](#)
  - Developed an open-source Node.js package that turns any Android device into an SMS gateway via the TextBee API, for OTPs, notifications, and transactional messages
  - Shipped 47 ready-made message templates spanning payments, delivery, bookings, and promotions; published to npm with **1,250+ downloads**
- **Telegram MCQ Bot**   *Node.js, Express.js, Ollama, Telegram Bot API*   [Code](#)
  - Built an AI-powered quiz generator using a locally-run Ollama model to create Computer Science MCQs, auto-published as native Telegram Quiz Polls via a node-cron scheduler
  - Deployed and hosted the bot on a VPS with PM2 for 24/7 uptime, implementing secure server-side answer validation and global score/streak tracking shared across all users
- **Daily Motivation**   *JavaScript, Browser API*   [Code](#)
  - Designed and built a lightweight Chrome extension that displays a fresh motivational quote in a popup whenever the user clicks the toolbar icon, published and live on Chrome Web Store
- **Nudge**   *React Native, Expo, expo-sqlite, expo-notifications*   [Code](#)
  - Built a fully offline, cross-platform link-saving app with native Share Sheet integration, clipboard auto-detection, and Open Graph metadata fetching
  - Implemented flexible local push-notification reminders and priority-based organization, backed entirely by a local **expo-sqlite** database with no backend dependency
- **BhashaBond**   *React Native, Expo, FastAPI (Python)*   [Code](#)
  - Built a real-time translation app covering 24 Indian languages with voice input and romanized pronunciation guides, backed by a FastAPI (Python) service integrating Google Translate and Gemini APIs
  - Implemented curated travel phrasebooks, city guides for 20+ Indian cities, an emergency toolkit, and Google OAuth sign-in via Clerk

## Technical Skills

**Languages:** JavaScript, TypeScript, Python, Java, C, C++  
**Frontend:** React.js, Next.js, React Native, Expo, Tailwind CSS, Redux, Zustand, Tanstack Query, GSAP  
**Backend:** Node.js, Express.js, FastAPI, Fastify, Socket.IO, REST API, GraphQL  
**Database:** MongoDB, MySQL, PostgreSQL  
**Tools:** Git, GitHub, Expo EAS, Docker, Postman, Vercel, Render, Prisma, Ollama