

Parminder Singh

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TECHNICAL SKILLS

Languages: TypeScript, JavaScript, Python, Java, C++, C, SQL
Frontend & Mobile: React, React Native, Next.js, Tailwind CSS, shadcn/ui, Motion, Expo
Backend & Database: Node.js, Bun, PostgreSQL, MongoDB, Redis, nginx
Workflow & AI: Cursor, Claude, Gemini, ChatGPT, Git, GitHub, Docker, Vercel
IoT & Hardware: Arduino, ESP32
Analytics: OpenPanel, PostHog
Design: Figma, Paper

EDUCATION

Bikaner Technical University <i>B.Tech Computer Science</i>	Bikaner 2021 – 2025
VLM Public School <i>Senior Secondary</i>	Alwar 2021

EXPERIENCE

Devnovate.co <i>Full Stack Developer</i> - Contributed to full-stack development for scalable tech event platform. - Built features for registration & event-management systems.	Remote jan 2025 – May 2026
Microsun Global Infotech LLP <i>App & Web Developer</i> - Built responsive web/mobile apps with React & React Native. - Optimized performance and delivered client-centric solutions.	Alwar Oct – Dec 2024

PROJECTS

Kosh – Email Platform | Next.js, Node.js, AWS, SMTP, Socket.io, Razorpay, PostgreSQL [Live]

- Building a full-fledged email platform from scratch — custom SMTP server, entire mail infrastructure, and modern client.
- Dual UI: chat-like interface for new-gen users and traditional UI for classic email users.
- Leading architecture, product design, and end-to-end development.

Rajdoot – SMS Gateway (IoT + Web) | React, Node, MQTT, ESP8266 [Live]

- Self-hosted OTP/SMS gateway via ESP8266 + SIM900A with MQTT; REST APIs for send/verify.
- Live monitor UI; source at GitHub.
- Processed 15k+ test SMS during prototyping with minimal delivery failures.

Swasthya – Health Monitoring Platform | React Native, Node.js, Tailwind, Motion, MongoDB, AWS, Cloudinary, IoT [Live]

- Platform to monitor health and get alerts when health metrics are abnormal.
- Track family and friends' medication and health status in real-time.
- Integrated IoT devices for real-time vitals logging and proactive health monitoring.

Time Table App | React Native, Prisma, PostgreSQL [Live]

- Conflict-free scheduling tailored to staff availability; SMS/email alerts and PDF exports.
- Automated timetable generation with staff availability constraints and one-tap notification sharing.
- Piloted with 200+ students, reducing timetable errors by over 40%.

ACHIEVEMENTS

- GDSC Hackathon Finalist
- Kriyeta 3.0 – Top 2/573
- Sports: Gold (Football, Basketball)
- Sports: Silver (Badminton, Volleyball)

CERTIFICATIONS

- IIT Madras – Full Stack w/ Generative AI
- Apna College Web Dev
- JPMorgan Chase Virtual Exp.
- Udemy JS Essentials