

Avi Patel

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PROFESSIONAL SUMMARY

Full-Stack Developer and Automation Engineer specializing in MERN stack architecture and n8n workflow automation. Proven track record of cutting operational costs by 40% through process innovation on AWS. Experienced in leading agile teams and managing enterprise ERP data integrity for high-volume production environments.

EDUCATION

Parul University
B.Tech in Computer Science and Engineering
Smt. I. N. Tekrawala High School
Higher Secondary Certificate (Science)

Vadodara, India
Dec 2021 – Apr 2025
Surat, India
May 2019 – May 2021

TECHNICAL SKILLS

Languages: JavaScript (ES6+), Python, SQL, HTML5, CSS3
Frameworks: React.js, Next.js, Node.js, Express.js, Tailwind CSS
Database: MongoDB, Mongoose
DevOps Tools: AWS (Lightsail), Git, GitHub, Linux, Pinata
Automation: n8n (Self-hosted), Make.com, Google Apps Script, Apify, Web Scraping

EXPERIENCE

- EDP Executive** Aug 2025 – Present
Todi Reyon Private Limited Surat, India
- Orchestrate the maintenance of the company ERP system, ensuring **99.9% uptime** and **100% data integrity** for daily operations.
 - Developed programmatic Excel-based efficiency reports that decreased manual data analysis time by **15+ hours per week**.
 - Managed database consistency for a workforce of **50+ users**, resolving technical errors within an average of **30 minutes**.
- AI-Automation Engineer (Intern)** Aug 2024 – July 2025
Ecowoodies Remote
- DevOps Infrastructure:** Hosted 2 n8n instances on AWS Lightsail, maintaining separate Production and QA environments to achieve **zero deployment downtime**.
 - Cold Email System:** Engineered a multi-sender rotation system with tracking pixels, **mitigating spam rates** and generating **500+ qualified leads** monthly.
 - Content Automation:** Systematized social media scheduling with AI-generated captions, **slashing content creation time** by **70%**.
 - Leadership:** Served as Scrum Master for a team of interns, conducting code reviews that lowered production bugs by **60%**.

PROJECTS

- Bus Booking Platform** | *Next.js, MongoDB, Razorpay*
- Developed a bus booking platform using Next.js (SSR), **decreasing page load times** by **30%** for better SEO.
 - Integrated 3rd-party REST APIs to process **real-time seat availability** with sub-200ms latency.
 - Secured payments via Razorpay Gateway, handling validation for **100% of transactions** securely.
- Full Stack E-Commerce Store** | *React.js, Node.js, Express, MongoDB*
- Built a scalable backend capable of handling **1,000+ products** with sub-second query responses.
 - Implemented JWT authentication, securing user data and **preventing unauthorized access** attempts effectively.
 - Designed a responsive Tailwind UI that improved mobile user retention metrics by **25%**.
- Automated Order Management System** | *Google Apps Script, APIs*
- Streamlined Shopify order sync to Google Sheets, eliminating **10+ hours** of manual data entry weekly.
 - Configured Telegram/WhatsApp bots to send instant alerts, improving order confirmation speed by **50%**.
- Personal Portfolio** | *React.js, CSS3*
- Designed a performance-optimized portfolio scoring **95+** on Google PageSpeed Insights.
 - Showcased **5+ technical projects** with live demos and GitHub repositories.