

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

Vadodara, India

Dec 2021 – Apr 2025

Smt. I. N. Tekrawala High School

Higher Secondary Certificate (Science)

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

Todi Reyon Private Limited

Aug 2025 – Present

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)

Ecowoodies

Aug 2024 – July 2025

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.