

# 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

<b>Parul University</b> <i>B.Tech in Computer Science and Engineering</i>	Vadodara, India Dec 2021 – Apr 2025
<b>Smt. I. N. Tekrawala High School</b> <i>Higher Secondary Certificate (Science)</i>	Surat, India May 2019 – May 2021

## TECHNICAL SKILLS

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

## EXPERIENCE

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

## PROJECTS

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