

Pratyush Tiwari

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EDUCATION

Shri Ramswaroop Memorial College of Engineering and Management
Bachelor of Technology - Computer Science (Data Science), GPA: 8.11/10

Lucknow, India
Sep 2023 - Sep 2027

TECHNICAL SKILLS

Languages: JavaScript, TypeScript, SQL
Frameworks & Libraries: React, Next.js 15/16, Node.js, MedusaJS, Fumadocs, MDX
Tools & Platforms: Git, MySQL, Linux, Windows, AWS, GCP, Vercel

EXPERIENCE

Software Development Engineer Intern (Web) <i>Matrix Innovation</i>	Dec 2024 - Dec 2025
	Remote
– Developed production-ready features using React, Next.js 15/16, TypeScript with deployment on cloud infrastructure	
– Integrated third-party APIs including Razorpay payment gateway, logistics APIs, and internal service endpoints	
– Collaborated across SDLC phases: requirement analysis, development, testing, Git workflows, and CI/CD pipelines	

PROJECTS

Lumi - AI-Powered UI Analyzer <i>React, Next.js 16, Google Gemini API, WCAG</i>	lumi-kohl.vercel.app 2025
– Built full-stack pipeline: image upload, encoding, AI inference with Google Gemini, and structured JSON output	
– Generated UI insights including layout analysis, accessibility scoring, and WCAG compliance recommendations	
– Implemented error handling, retry logic, React Suspense, and server actions for optimal performance	
– Deployed on Vercel with ISR for stability and edge caching for low-latency global access	
Chronicle - Documentation Platform <i>Next.js 16, Fumadocs, MDX</i>	chronicle-rouge.vercel.app 2025
– Developed documentation platform with dynamic routing, nested layouts, and client-side fuzzy search	
– Created reusable MDX components for callouts, code blocks, and diagrams with contributor-ready structure	
– Achieved 95+ Lighthouse scores through bundle optimization, caching, and image optimization strategies	
E-commerce Platform Features <i>React, Next.js, REST APIs, SQL</i>	neomindia.co.in 2024-2025
– Implemented cart management, checkout flows, SSR product rendering, and order pipeline for NEOM India FMCG platform	
– Integrated Razorpay with secure signature verification and logistics APIs for order tracking and fulfillment	
– Optimized SQL queries, added product filters, and improved SEO for enhanced performance and discoverability	

LEADERSHIP & ACTIVITIES

Coordinator, Robotics Cell <i>SRMCEM, Lucknow</i>	Jan 2023 - Present India
– Led robotics, drone, and software initiatives; promoted from volunteer to coordinator position	
– Headed web and software division, managing 3 national-level robotics events with cross-functional teams	
Technical Strategist, Algozenith <i>SRMCEM, Lucknow</i>	2024
– Organized 7 technical events and weekly mentorship sessions with industry professionals via Google Meet and Discord	