

SHANU TIWARI

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TECHNICAL SKILLS

Languages:	JavaScript, TypeScript, Java, HTML, CSS, SQL
Libraries/Frameworks:	React.js, Next.js, Node.js, React Query, Redux, Zustand, Zod, Firebase, Apexcharts, Socket.io
UI Component Libraries/CSS:	Chakra UI, Shadcn UI, Radix UI, Material UI, TailwindCSS, Bootstrap, Framer Motion
Databases/ORM:	MySQL, MongoDB, NoSQL, Redis
Platforms/Tools:	Git, GitHub Actions, Cursor, Warp, Vite, Vercel, Netlify, Postman, Swagger, Figma
AI/Others:	LLM's, RAG, MCP, SSE, WebSockets, REST APIs, Scrum and Agile Collaboration, Context API

EXPERIENCE

DataNimbus <i>Software Engineer – Full time</i>	(Hybrid) Bangalore, India November 2025 - Present
<ul style="list-style-type: none">Developed a Senior Management dashboard with interactive tables and global filters to streamline data analysis and reporting.Implemented centralized theming with dynamic primary colors, improving UI scalability and reducing styling inconsistencies.Resolved UI bugs and layout issues across modules, improving application stability and ensuring consistent user experience.	
Blursday <i>Frontend Engineer – Full time</i>	(Remote) Bangalore, India November 2024 - September 2025

Techlene Software Solutions (On-site) Indore, India
Software Development Engineer – Full time March 2024 – November 2024

- Built an IoT platform with WebSockets for real-time data, reduced delays by 30% and enhanced user experience and interaction.
- Optimized app performance by 25% using Shadcn, Redux, and React Query for better state management and faster load times.
- Architected a custom JSON parser and integrated interactive mapping features with Leaflet, improving user engagement by 20%

PROJECTS

Latency Topology Visualizer [Next.js, Three.js, TypeScript, Mapbox]	
<ul style="list-style-type: none">Designed 3D latency map with Three.js to visualize 50+ exchange servers across AWS/GCP/Azure, updating every 8s.Delivered interactive time-series charts for 15+ pairs, reducing lookup time by 60% via debounced search and caching.Boosted rendering performance by 45% via frustum culling and LOD, achieving 60 FPS on desktop and 40+ FPS on mobile.	
Reelify [Next.js, MongoDB, NextAuth, imagekit.io, Tailwind CSS, DaisyUI]	
<ul style="list-style-type: none">Designed and developed a full-stack short video app with upload, like, and comment features, boosting engagement by 30%.Secured role based auth with NextAuth.js, reduced unauthorized access by 40% and recovery requests by 10%.Crafted a responsive mobile-first UI with Tailwind and DaisyUI, increasing session length by 20%.	

EDUCATION

Medi-Caps University – Indore, Madhya Pradesh	CGPA: 8.7/10
<i>Bachelor of Technology in Computer Science and Engineering</i>	August 2020 – July 2024
Sanskars Academy, CBSE – Pachore, Madhya Pradesh	Percentage: 87%
12th, Mathematics	April 2018 – July 2020

TRAININGS/CERTIFICATIONS

Industrial Training in Machine Learning	Medicaps University, Indore
<ul style="list-style-type: none">Completed 6-week Data Science training at Medicaps University, focused on Python, statistics and machine learningCreated an MNIST digit recognition model using logistic regression and statistical analysis.	
Crash Course on Python	Coursera
<ul style="list-style-type: none">Gained hands-on experience in Python, data structures, and object-oriented concepts through project-based learning.Applied Python and ML concepts to build real world models in personal projects to enhance practical skills.	