

SHANU TIWARI

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EDUCATION

Medi-Caps University
Bachelor of Technology in Computer Science and Engineering
CGPA: 8.7/10

Indore, Madhya Pradesh
August 2020 – July 2024

Sanskar Academy, CBSE
12th, Mathematics
Percentage: 87%

Pachore, Madhya Pradesh
April 2018 – July 2020

TECHNICAL SKILLS

Languages:	JavaScript, TypeScript, Java, HTML, CSS, SQL
Libraries/Frameworks:	React, Redux, Nextjs, Nodejs, Tailwind, Shadcn, Bootstrap, Apexcharts, Firebase
Databases/ORM:	MySQL, Redis
Platforms/Tools:	Vercel, Netlify, Postman, Git, NPM, Yarn, Figma
Other:	WebSocket, GitHub Pages, REST API, Swagger

EXPERIENCE

- Blursday** [NextJS, ReactJS, TypeScript] (Remote) Bangalore, India
Frontend Engineer – Full time November 2024 - Present
 - Built a dashboard for the Brand Book Generator using Next.js and shadcn/ui, optimizing maintainability with type-safe reusable components and reducing development time by 30%.
 - Implemented multi-factor authentication system supporting Google OAuth and OTP login for 10,000+ users, reducing authentication errors by 45% and improving session security through Firebase, React Hook Form, Zod, and Redux integration
 - Enhanced Figma and Canva plugins with optimized API integrations and improved UI/UX design, achieving 40% faster load times and implementing Google Analytics/Datadog monitoring that identified 3 critical performance bottlenecks.
- Teclene Software Solutions** [JavaScript, ReactJS, ApexCharts, Shadcn UI] (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.
 - Developed a custom JSON parser and integrated interactive mapping features with Leaflet, improved user engagement by 20%.

PROJECTS

- Reelify** [Next.js, MongoDB, NextAuth, imagekit.io, Tailwind CSS, Daisy UI]
 - Pioneered a full-stack short video platform (Instagram Reels-like) using Next.js and MongoDB, enabling users to upload, like, and comment on videos; drove a 30% increase in user engagement and extended average session duration by 15+ minutes through interactive features and seamless UX.
 - Engineered secure authentication using NextAuth.js with role-based access control, reducing unauthorized access attempts by 40% and cutting account recovery requests by 10%, significantly improving data privacy and user trust.
 - Designed and built a responsive, mobile-first UI using Tailwind CSS and DaisyUI, delivering a seamless video browsing experience that contributed to a 20% increase in session length
- Pocket Money Tracker** [HTML, CSS, ReactJS, MongoDB, Express.JS, NodeJS]
 - Developed Pocket Money Tracker, a web application that allows for easy and comprehensive money management.
 - Built transaction APIs for seamless CRUD operations and a scalable backend architecture for transaction tracking.
 - Designed a user-friendly interface, ensuring a responsive and visually appealing experience across all devices.
- AI Code Reviewer** [React.js, TailwindCSS, Node.js]
 - Built a web-based code review tool using React.js and Node.js, integrating Google's Gemini 2.0 Flash model to provide instant feedback on code quality, performance, and best practices.
 - Designed a clean, responsive user interface with TailwindCSS, ensuring optimal usability across various devices and screen sizes.
 - Enabled seamless code analysis by allowing users to paste code snippets and receive real-time suggestions for readability, bug fixes, and optimization.

TRAININGS/CERTIFICATIONS

Industrial Training [Machine Learning]

Medicaps University, Indore

- Completed 6-week Data Science training at Medicaps University, focused on Python, statistics and machine learning
- Developed a project using logistic regression in machine learning to recognize MIST images with statistical analysis

Crash Course on Python

Coursera

- Mastered Python fundamentals applied in real-world projects, including loops, statements, and data structures.
- Developed and implemented Python-based machine learning models in side projects to enhance practical skills.