SHANU TIWARI

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EDUCATION

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

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 robust auth, including Google and OTP-based login using Firebase, React Hook Form, Zod, and Redux, enhancing error handling and session management with interceptors and Next.js server actions.
- Improved and fixed Figma and Canva plugins by integrating APIs and refining the UI/UX for seamless user experiences. Integrated Google Analytics and Datadog to monitor user activities.

Techlene 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]
- Built a full-stack app for uploading, liking, and commenting on short videos, like Instagram Reels, boosting user engagement.
- Developed frontend with Next.js, backend with imagekit.io for video storage and MongoDB for user data management.
- Used NextAuth for secure authentication, designed a responsive UI with Daisy UI and Tailwind CSS for a smooth experience.

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.