Vipin Yadav

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Technical Skills

Frontend: React, Next.js, JavaScript, TypeScript, Redux Toolkit, GSAP, HTML, CSS (Tailwind, Bootstrap, SCSS)
Backend: Hono.js, Node.js, Express.js, Java, Spring Boot (Spring, Hibernate)
Databases: MongoDB, Prisma, SQL (PostgreSQL, MySQL)
Cloud & DevOps: GCP, Vercel, Cloudflare, Docker, IIS
Tools & Utilities: Git, Postman

Work Experience (2 years)

Software Developer | Universal Technical Systems (UTS), Gurgaon | Jun 2023 – Present

- **Migrated a legacy desktop application to a web app** , reducing visualization time for Spring models by **50%** , improving accessibility, and enhancing UI/UX.
- Implemented **3D visualization** for springs using Three.js, providing users with an interactive design preview for over 52 spring types.
- **Worked on multiple projects and led frontend development** efforts, acting as the primary point of contact for UI-related tasks and collaborating closely with the backend team to ensure seamless integration.
- **Developed an Admin Panel** to streamline company operations, enabling invoice creation, order tracking, payment management, and user/employee monitoring.
- **Built a knowledge base application from scratch** , centralizing project documentation and guides for efficient storage and easy accessibility.
- **Resolved critical bugs** in existing projects while coordinating directly with clients to ensure smooth functionality.
- Contributed to **migrating a key project to GCP** for performance optimization.

Personal Projects

- **PromptSpace** *(Next.js, Google Auth, MongoDB)* - AI prompt-sharing platform with secure authentication, user dashboards, and CRUD capabilities..
- **Medium** *(Hono.js,React,Prisma,PostgreSQL)* - A high-performance, minimalistic publishing platform with a custom text editor and scalable monorepo architecture, deployed on Cloudflare for speed and edge scalability.
- **Crypto Exchange** *(React.js, Chakra UI)* - Real-time cryptocurrency tracker with live charts, API integration, and responsive UI/UX.
- **Hire-Wheels** *(Spring-Boot, Hibernate, Thymeleaf, SQL as Database,REST API.)* - Role-based vehicle rental system with admin-panel, booking workflows, and RESTful APIs.
- **Type-Master** *(Next.js,Typescript)* - A sleek, customizable typing test app with Monkeytype-inspired UI, real-time WPM tracking, multiple time modes, and theme personalization.

Education

Degree	Institution	Year & CGPA
B.Tech (CSE) (Specialisation: Full Stack)	The Northcap University, Gurugram	2020 – 2024	CGPA: 8.5
Secondary Schooling	Lord Jesus Public School, Gurugram	2008 – 2020

Certifications & Achievements

- ➢ AWS Cloud Practitioner (08/2022 - 08/2025)
- ➢ 0-100 Web Development (100xDevs) (03/2025)
- ➢ Leetcode Ace 75 Badge | 200+ DSA problems solved
- ➢ Udemy: Complete Web Development (10/2022)
- ➢ Peer Tutoring (NCU - Web Frameworks & Software Eng.)