

Chirag Tyagi

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TECHNICAL SKILLS

Languages & Frameworks: HTML5, CSS3, JavaScript (ES6+), TypeScript, React.js, Next.js, Node.js, Tailwind CSS, Drizzle ORM
Databases & Tools: MySQL, MongoDB, Firebase, Neon (PostgreSQL), Git, GitHub, Visual Studio Code, Vercel, Docker

EXPERIENCE

Software Developer

April 2025 – Present

Sumvaik Consulting Group

OnSite

- **BuildCRM – SaaS Platform**
- Led development of a **multi-tenant SaaS CRM platform** that reduced workflow turnaround time by **36%** for multiple organizations through innovative features and seamless integration.
- Architected and deployed a full-stack solution with **Next.js frontend** and **Node.js backend**, achieving **40% faster load times** and **99.9% uptime** while efficiently handling high traffic volumes through optimized server-side rendering and caching strategies.
- Implemented **tenant-isolated data architecture** and **role-based access control (RBAC)** with granular permissions, ensuring secure data segregation and customized access levels across multiple client organizations.
- **Gibbon Nutrition – E-Commerce Platform**
- Delivered an **e-commerce platform** using **Next.js, TypeScript, Node.js, and MongoDB**, improving order processing efficiency by **40%**.
- Integrated **Clerk authentication, PayU payments, and Shiprocket logistics APIs**, reducing checkout friction by **25%** and accelerating order confirmations.
- Deployed **Node.js microservices** with optimized MongoDB queries and efficient state management, enabling stable handling of **1000+ concurrent checkouts** with real-time order tracking.
- **Swami Avdheshanand Giri – Devotee Management Platform**
- Built a responsive public portal using **Next.js and TailwindCSS** deployed on **Vercel**, achieving **sub-2-second load times** and delivering a clean, accessible experience across all devices.
- Developed an **AI-powered image library** with **Face++ facial recognition APIs**, automating photo organization for **10,000+ images** and reducing manual search time by **80%**.

Full Stack Developer

May 2024 – August 2024

Freelance (2+ Projects)

Remote

- Built **type-safe frontends** using **React, TypeScript, and Zustand**, reducing runtime errors by **60%** in complex state management scenarios.
- Designed sleek, animated UIs with **TailwindCSS and Framer Motion**, enhancing user engagement and improving interaction rates by **35%**.
- Engineered **RESTful APIs** and backend services using **Node.js and Express**, optimizing data handling and deploying secure authentication mechanisms.

PROJECTS

AI Interview Mocker | *Next.js, Gemini, Drizzle ORM, TailwindCSS* | [Live Demo](#)

2024

- Developed an **AI-driven interview simulation platform** with personalized feedback using **Gemini API**, helping users practice technical interviews.
- Utilized **TailwindCSS** for efficient, responsive UI design and dummy JSON data for realistic functionality demonstration.

AI Study Material Generator | *Next.js, NeonDB, Drizzle ORM, Gemini API, TailwindCSS* | [Live Demo](#)

2024

- Integrated **Gemini API** for AI-generated study materials and **Inngest** for automated task processing, boosting content delivery speed by **20%**.
- Leveraged **NeonDB with Drizzle ORM** for scalable data management and **TailwindCSS** for a modern, responsive user interface.

EDUCATION

JC Bose University

B.Tech in Computer Science and Engineering, CGPA: 7.20

Haryana, India

Aug 2021 – Jun 2025