

# TARUN THAKUR

Bhopal, Madhya Pradesh — Phone: 7746040962 — Email: tarunthakur283@gmail.com —  — 

## Experience

- **Frontend Developer — Octet Design Studio** July 2024 – June 2025
  - Developed and optimized responsive web interfaces using **React**, **Next.js**, and **Tailwind CSS**.
  - Improved website performance, boosting mobile PageSpeed score from 18 to 70+.
  - Collaborated with UI/UX designers to implement pixel-perfect, cross-browser compatible, and user-friendly web applications.
  - Applied performance optimization techniques including code splitting, lazy loading, and efficient asset management.

## Education

- **Bachelor of Commerce (B.Com)** — Bhopal School of Social Sciences 2021 – 2024

## Technical Skills

- **Programming:** Java, JavaScript (ES6+), OOPs, TypeScript
- **Web Development:** HTML5, CSS3, ShadCN UI, Ant Design, Framer Motion, React, Next.js, Gatsby, Node.js, Express, Redux, Context API, Zustand
- **APIs & Integrations:** REST API, GraphQL, WebSockets, Third-party API integration, Session Management
- **Testing & Version Control:** Jest, Git, GitHub, Version Control
- **Hosting & Deployment:** Vercel, Render, MongoDB Atlas, Supabase
- **Optimization & Design:** Performance Optimization, Responsive Design, Cross-browser Compatibility, UI/UX Implementation, SEO Optimization
- **Databases:** MySQL, PostgreSQL, MongoDB
- **Soft Skills:** Teamwork, Leadership, Communication, Time Management, Problem-solving, Flexibility

## Projects

- **Civic India** — *PostgreSQL, Express, Next.js, Node, Zustand* — Visit
  - Built a platform mapping political hierarchy from national to local level, enabling users to discover MP, MLA, Mayor, and Ward Councillor by entering city/area/pincode.
  - Integrated verified government data including profiles, criminal records, education, and responsibilities.
  - Designed a responsive, SEO-optimized UI using React + Tailwind CSS with cross-browser compatibility.
  - Implemented **REST APIs** for fetching government records.
  - Integrated **Google Maps Autocomplete API** to enhance location-based search accuracy and user experience.
- **Lekhan** — *Next.js, Node, Express, MongoDB, WebSockets* — Visit
  - Built a blogging platform enabling users to share stories, react with emojis, comment, and follow/unfollow writers.
  - Implemented secure authentication using **JWT (JSON Web Token)** with session management.
  - Integrated MongoDB (via Mongoose) for scalable data storage and optimized performance.
  - Added real-time notifications and interactive reactions using **WebSockets**.
  - Developed **API integrations** for notifications and activity feeds.
- **ChatShat** — *Next.js, Node, Express, MongoDB, WebSockets* — Visit

- Developed a full-stack real-time chat application allowing users to send instant messages, find and follow other users to start conversations, and manage chats seamlessly.
  - Implemented secure authentication using **JWT (JSON Web Token)** stored in server-side cookies for enhanced session security.
  - Utilized **MongoDB (Mongoose)** for efficient data modeling, user management, and message persistence.
  - Integrated **WebSockets** to enable real-time communication, typing indicators, and online/offline user status.
  - Focused on performance, scalability, and smooth UX across both frontend (Next.js) and backend (Node.js + Express).
- **Spendly** — *Next.js, Node, Express, MongoDB* — Visit
    - Built an expense tracking platform allowing users to set financial targets, monitor spending, and stay motivated with achievements.
    - Implemented data visualizations (pie charts, bar graphs) and live notifications.
    - Secured platform with **JWT**-based authentication and authorization.
    - Integrated **REST APIs** for financial data and **WebSockets** for real-time alerts.
- **Octet Design Academy** — *Next.js, Tailwind* — Visit
    - Built responsive, mobile-friendly UI for Octet Design Academy using Next.js and Tailwind CSS.
    - Implemented a curated course listing interface with dynamic categories, chapters, and filtering.
    - Optimized performance using Next.js SSR and static optimizations.
- **Acquabbona** — *WordPress, Elementor* — Visit
    - Built a responsive, modern service website for a plumbing and sanitary services company using **WordPress** with **Elementor** Page Builder, ensuring seamless experience across desktops and mobile devices.
    - Integrated contact forms, Google Maps, and service inquiry forms for better customer interaction and usability.
    - Optimized site performance by compressing assets, implementing caching, and configuring Elementor widgets efficiently.
    - Implemented SEO-friendly practices: meta tags, alt attributes for images, and structured content for better search engine visibility.

## Achievements

- Optimized Octet Design Studio's website, boosting mobile PageSpeed score from 18 to 70+, significantly improving load time, performance, and user experience.