SHIVAM SHUKLA

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Professional Experience

WASSERSTOFF RJ INNOVATIONS PRIVATE LIMITED   **June 2023 – Present**

Software Developer

- Built the frontend module for LitReg **(Regulatory intelligence platform)** using *Next.js* ,*Redux*, *TypeScript*, and *Tailwind*. Engineered a Google Drive-like file and folder management system with features like drag-and-drop uploads,and file-level operations, and real-time document rendering via modals. Enabled users to organize and analyze legal PDFs across regulators such as SEBI, RBI, and SAT.
- Engineered the frontend for Astrix **(Event ticketing platform)** using *React.js*, *Next.js*, and *Tailwind* with the support of *TypeScript*. Developed 80+ screens and integrated them with the **RESTful APIs**. Implemented dynamic ticket purchasing, artist dashboards, and XP-based rewards system, enhancing platform interactivity and user engagement.

Education

Institute of Engineering and Technology Lucknow   **August 2022 - August 2024**

Master's of Computer Application (CGPA of 8.2)

Projects

Lit Reg | *LLM Based Application*

- **Spearheaded** the development of a comprehensive **file and folder management system** for **LitReg**, a regulatory intelligence platform, using **React**, **TypeScript**, and **Tailwind**. Designed an experience akin to **Google Drive**, enabling users to create, organize, and manage legal PDFs with precision and speed.
- **Architected** seamless document interaction flows—**real-time modal previews**, inline metadata editing, and intuitive side-by-side folder navigation—significantly boosting productivity for compliance and legal teams analyzing regulations from **SEBI**, **RBI**, and **SAT**.
- **Integrated advanced data extraction** and visualization capabilities using **React Flow**, allowing users to map legal entities, relationships, and citations in an interactive graph format—transforming static PDFs into actionable intelligence.

Astrix | *Community-Driven Event Ticketing Platform* | 🔗

- **Engineered** a seamless ticket purchasing flow in **Next.js**, integrating multiple payment gateways like **Razorpay** and **Cashfree**, which improved checkout speed by 45% and reduced payment failures by 30%.
- **Developed** a robust event organizer dashboard using **React**, **Next.js**, and **Tailwind**, incorporating analytics through various charting libraries to improve event performance tracking and data visualization efficiency by 60%.
- **Designed** and implemented a dynamic event details page that enabled users to explore artist events and smoothly transition through ticket selection to secure payment.

Legal Wires | *High-Traffic Legal Blog CMS* | 🔗 Live

- **Developed and deployed** a fully custom **Ghost CMS** theme using **HTML**, **CSS**, and **JavaScript**, optimized for **SEO**, fast loading, and mobile responsiveness. Scaled infrastructure to support **90K+ monthly users**, ranking the blog among the **top 10 law blogs in India**. Enhanced content structure and meta tags to improve **Google Discover** visibility.
- **Integrated** a real-time **AI-powered legal assistant** using **REST APIs** and external **LLM models** to address Indian law queries. Achieved over **1,000+ active interactions/month**, reduced bounce rate by **24%**, and improved cross-device accessibility. Enabled **dynamic routing**, **live search**, and **in-chat contextual assistance** to boost user retention.

Four Paws | *Comic-Themed Dog Adoption Platform* 🔗 Live

- **Built** a comic-style dog adoption site with **Next.js**, **TypeScript**, and **Tailwind CSS**, featuring animations, **Google Auth**, user profiles, and MCG-linked dog registration.
- **Planned** social features and blockchain-based pet collectibles to enhance community interaction and digital ownership.

Technical Skills

Programming Languages & Frameworks: JavaScript (ES6+), TypeScript, Node.js, Express.js, React.js, Next.js, HTML5, CSS3, Tailwind CSS, Redux/Toolkit, Zustand, Mongoose, GraphQL (basic), MUI, Shadcn, WebSockets

Tools & Technologies: MongoDB, Git, GitHub, Postman, Docker (basic), Agile (Scrum), Jira (basic)

Other Skills: RESTful APIs, Server-Side Rendering (SSR), JWT Authentication, Secure Payment Gateway Integration (Razorpay, Cashfree), Responsive Web Design