OM JEE MISHRA

Gurugram, Haryana, India

+91 9411097707 — omjeem558@gmail.com — LinkedIn — GitHub — LeetCode — Portfolio

Professional Experience

WASSERSTOFF RJ INNOVATIONS PRIVATE LIMITED   April 2023 − Present

Software Developer

- Engineered the backend for Lit Sign (**AI contract platform**) using ***Node.js***, ***Express.js***, and ***Drizzle ORM***. Developed 40+ secure **RESTful APIs** (with **JWT authentication**) for contract creation, version control, and multi-party signing, improving scalability and integration with the frontend.
- Architected Lit Law **full-stack system** (**Node.js**, **PostgreSQL**, **Redis**) with a **microservices architecture** and **LangChain (LLM)** integration for real-time legal chat. Implemented secure payment processing (**Razorpay**) and ensured high availability and performance under load.
- Led migration of Legal Wires blog (90K+ users) from WordPress to **Ghost CMS** via custom Node.js scripts. **Migrated 8,000+ posts** and optimized data pipelines, achieving **19× faster API responses** and **50%** faster page loads. Integrated an AI-powered chatbot, boosting active user engagement by 1,000+.

Education

GL Bajaj Group of Institutions, Mathura   November 2020 - June 2024

Bachelor of Technology in Computer Science Engineering (CGPA of 8.01)

Paradise Public School, Mainpuri   April 2019 - March 2020

12th Standard - PCM (88.8%)

Projects

Lit Law | *LLM Based Application* | Live

- **Crafted** an intuitive, responsive **frontend** for **Lit Law**, leveraging **Next.js** for **server-side rendering** and **Redux** for efficient **state management.** Focused on optimizing UI performance, ensuring real-time updates for legal queries, and providing a seamless chat experience, even under high user loads.
- Engineered the **backend** of **Lit Law** with a **microservices architecture**, integrating **LangChain APIs** for AI-driven query processing. Focused on secure **session management,** API layer development, and high-performance database interactions using **PostgreSQL** and **Redis**. Applied rigorous testing and modular coding practices to ensure scalability and reliability.

Lit Sign | *AI Legal Contract Builder & Signer* | Live

- Developed the frontend of **Lit Sign** using **React, Redux**, and **Tailwind CSS** for a responsive, intuitive UI. Integrated advanced **Tiptap editor** for **AI-driven contract generation** and **real-time editing**, with support for version control and document signing. Ensured smooth user interactions with **React Router**, **Axios** for API calls, and **Framer Motion** for animations.
- **Built and scaled the backend** with **Node.js**, **PostgreSQL**, **Drizzle ORM**, and **Express.js**, creating robust REST APIs for contract management, user authentication, and document storage. Implemented features like **multi-party signing**, **clause negotiation**, and **document version control**. Integrated payment gateways **Cashfree** and **Razorpay** for secure transactions and document processing.

Legal Wires | *Ghost CMS App* | *Ghost CMS, HTML, CSS, JS* | Live

- Built and deployed a custom **Ghost theme** with **HTML**, **CSS**, and **JavaScript**, fully optimized for **SEO** and mobile responsiveness to support 90K+ members and help position Legal Wires as a top 10 legal blog in India.
- Integrated a real-time AI chatbot using **REST APIs** to assist users with Indian law queries, improving accessibility, reducing bounce rates, and increasing **active user** interaction by over 1,000.

Four Paws | *Pet Adoption Platform* | *Next.js, Tailwind CSS, Node.js* | Live

- Developed a responsive and user-friendly UI with **Next.js** and **Tailwind CSS** to drive digital adoption for stray dogs across India, showcasing dynamic profiles for 42+ dogs and enabling real-time updates for 10+ weekly visitors and 5+ corporate sponsors.

Technical Skills

Programming Languages & Frameworks: JavaScript (ES6+), TypeScript, Node.js, Express.js, React.js, Next.js, HTML5, CSS3, Tailwind CSS, Redux, Recoil, Prisma, Mongoose, Drizzle ORM, GraphQL (basic), WebSockets .

Tools & Technologies: PostgreSQL, MongoDB, Redis, Git, GitHub, Postman, Docker (basic), AWS (Route 53, EC2 basic), CI/CD (GitHub Actions basic), Agile Methodologies (Scrum), Unit Testing (Jest basic), Jira (basic).

Other Skills: RESTful APIs, Microservices Architecture, Server-Side Rendering (SSR), JWT Authentication, OAuth2 , Secure Payment Gateway Integration (Razorpay, Cashfree), Responsive Web Design, Cloud Deployment.