Harsh Narwariya

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Professional Summary

Software Developer L2 with expertise in building interactive SaaS platforms and real-time control systems using React.js and TypeScript. Skilled in architecting dynamic UI components and integrating seamless WebSocket communication. Committed to delivering high-quality, scalable code that enhances user engagement and system reliability.

Technical Skills

Frontend: React.js, Next.js, Redux (Toolkit/Saga), Zustand, React Query, Tailwind, HTML5, CSS3.
Backend: Node.js, Express.js, Django, Flask, RESTful APIs, WebSocket, SSE.
Database & Cloud: MongoDB, MySQL, Firebase, Google Cloud Platform (GCP), Render.
Tools/Languages: JavaScript, TypeScript, Python, Git, Google APIs (OAuth, Maps, Drive).

Experience

Synapse XTL   Indore, India
Software Developer - L2   Mar. 2023 - Present

- Role Progression: Promoted to L2 Developer in 2025 for consistent delivery of high-quality client-side modules and leadership in frontend architecture.
- Frontend Architecture & Leadership: Spearheaded the transition to scalable, component-driven architectures for enterprise IoT solutions, reducing code redundancy by 40% and accelerating feature deployment cycles.
- Scalable Development: Delivered core modules for ZipGrid and Bemasterly, optimizing code maintenance by 40% and ensuring seamless role-based access control for thousands of users.
- Scalable SaaS Development: Developed robust multi-tenant architectures with granular Role-Based Access Control (RBAC), securing data integrity for diverse user hierarchies across community and educational platforms.

Key Projects

- **MPS (Smart Axiom):** IoT Building Management System React.js, Firebase, Socket.io, Tailwind CSS Architected a real-time IoT dashboard for remote appliance control and sensor visualization using a customizable widget system. Implemented intelligent automation logic and granular role-based access to optimize campus energy management.
- **ZipGrid:** Community management platform designed for housing and commercial societies, supporting multiple user roles including flat owners, tenants, admins, employees, and staff. It offers a suite of integrated modules such as flat and tenant management, billing, complaints, visitors logs, notices, polls, events, facilities, and more. The platform emphasizes automation, compliance, and seamless communication to enhance operational efficiency and resident engagement.
- **Bemasterly:** A comprehensive educational management platform designed to streamline administrative operations for educational institutes. It serves as a centralized solution for Assessment Management, Fee Management, Student Information System, Communication Hub and Reporting & Analytics.
- **Strikie:** A sports platform enabling athletes to manage profiles, track career stats, and participate in events, tournaments, and challenges. Discover nearby clubs, Integrated multimedia feeds for training content and facilitated sponsorships opportunities to enhance athlete visibility.

Personal Projects

- **Electron AI** - Agentic AI Platform React.js, Flask, LangChain, Google Gemini, SSE Developed an AI platform featuring "Agentic Flow" for multi-step reasoning tasks. Implemented Server-Sent Events (SSE) for real-time streaming and React Virtualization to efficiently handle extensive conversation histories.
- **ARhythm** - Music Streaming Platform React.js, Django, MySQL, GCP Built a full-stack streaming service featuring dynamic queue management and secure Django authentication. Designed a fluid, high-fidelity user interface using Tailwind CSS and Framer Motion.

Education

Prestige Institute of Engineering Management & Research   Aug. 2019 - Jun. 2023
Bachelor of Engineering in Computer Science and Engineering; CGPA (9.0/10.0)
Mar Thoma Public School 12th Percentage (80%)   Jul. 2018 - Apr. 2019