DEEPAK SINGH

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TECHNICAL SKILLS

Frontend: React, Next.js, TypeScript, JavaScript (ES6+), HTML5, CSS3, TailwindCSS
Web & Performance: Responsive Design, Accessibility (WCAG), SSR, PWA, Client-side Caching (Dexie.js)
State & Architecture: Scalable State Management, Reusable Component Systems, MVVM
Backend & Data: Supabase, PostgreSQL, Node.js, Express, FastAPI, REST APIs, RLS
Security & Ops: RBAC/ABAC, CI/CD Pipelines

WORK EXPERIENCE

R212 Partners
Jan 2022 – Present
Frontend Developer → Full Stack Developer → Team Lead — *Remote*

- Owned frontend architecture across **6 production platforms** using React, Next.js, and SvelteKit, delivering end-to-end UI for finance, education, CRM, HR, and workflow systems.
- Built full-stack features including secure local file processing, script versioning, ABAC/RLS access control, real-time dashboards, and offline caching using IndexedDB/Dexie.js across **4 data-heavy applications**.
- Led teams of **2–3 engineers**, took over **3 inherited MVPs**, stabilized them, and shipped production-ready releases within **4–7 month timelines** while collaborating directly with clients on demos and requirements.

Earth Scripters (R212 Partners)
Oct 2024 – Apr 2025
Full Stack Developer → Team Lead — *Remote*

- **Green Circle – Consumer PWA**: Led a **3-member full-stack team** to build a mobile-only, installable PWA supporting plant exchange, posts, and community features.
- Refactored **100% of the inherited codebase** to enforce clean architecture, consistent patterns, and reusable components.
- Implemented read-through and write-back caching with IndexedDB, enabling **full offline usage** for create, update, and sync workflows.

xFlowLabs (R212 Partners)
May 2024 – Nov 2024
Frontend Developer — *Remote*

- **Momoflow – Workflow Automation**: Built UI systems for a modular workflow builder supporting flow creation, assignment, and execution.
- Integrated Supabase authentication, workspace isolation, and real-time state sync across **multiple concurrent users**.
- Delivered reusable components and MVVP-based frontend architecture over a **6-month product cycle**.

ONBO (R212 Partners)
May 2022 – Aug 2024
Frontend Developer (Intern → Full-time) — *Remote*

- **ONBO – HR Management System**: Contributed frontend features over **2+ years** to an enterprise HR platform used for employee onboarding and progress tracking.
- Built reusable components, MVVM architecture, and contextual stores used across **multiple dashboards and workflows**.
- Implemented charts, spreadsheet imports, local caching, image editing, and Tabulator-based data tables across **dozens of screens**.

PROJECTS

VidyaBase [GitHub]
Next.js, Gemini Nano, FFmpeg (WASM), Tailwind CSS & TypeScript

- Developed a privacy-first video analysis platform leveraging Chrome's built-in Gemini Nano model to perform on-device transcription and summarization, eliminating cloud dependency and latency.
- Orchestrated a browser-based media processing pipeline using FFmpeg (WebAssembly) to extract and segment audio client-side, enabling parallelized inference for handling long-form video content efficiently.

Haunted Halloween Landing [GitHub]
Next.js 16, Tailwind CSS, TypeScript & React

- Engineered a high-performance, thematically immersive landing page using Next.js 16.
- Implemented complex, responsive layouts and custom animations with Tailwind CSS to ensure consistent visual fidelity across diverse device form factors.

EDUCATION

Maharishi Dayanand University
May 2019 – May 2022
Bachelor of Computer Applications (BCA) — *Rohtak, Haryana*