

RAJ KAMAL DAS

Senior Web Engineer | Building Scalable, High-Performance Applications

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PROFESSIONAL SUMMARY

Senior Software Engineer with 7+ years of experience building scalable, high-performance web applications using **React, Redux, and TypeScript**. Proven track record in designing and delivering complex products across **Healthcare, EV, FinTech, and SaaS** domains. Skilled in leading projects end-to-end, mentoring junior engineers, and driving best practices in frontend architecture and testing.

TECHNICAL SKILLS

Frontend: React.js, Next.js, Redux (Toolkit, Saga), TypeScript, JavaScript (ES6+), HTML5, CSS3, TailwindCSS

Backend / APIs: Node.js, NestJS, Express.js, REST APIs, Postgres, Snowflake

Testing & Tools: Jest, Cypress, PostHog, Git, Webpack

AI Tools: Claude, Gemini, Codex, GPT, Cursor

Cloud & Leadership: AWS (Cognito, CloudFront), CI/CD (GitHub Actions), Agile/Scrum, Mentoring, Frontend System Design

PROFESSIONAL EXPERIENCE

Kiwitech Technologies, Noida, India

Senior Software Engineer: Jan 2025 – Present | Software Engineer: Jun 2021 – Jan 2025

Legion Securities | *Lead Frontend Engineer*

- Designed and developed the frontend of a dual-sided investment platform using **Next.js and TypeScript**, integrating **Persona (KYC)**, **Stripe**, and **DocuSign** for secure onboarding.
- Implemented secure **cookie-based authentication** and leveraged **RTK Query** for efficient server-side state management.
- Improved page load speeds by 30% through **Incremental Static Regeneration (ISR)** and optimized **Next.js Image** components for high-resolution property listings.

Krateo.ai | *Full Stack Engineer*

- Engineered **NestJS** APIs and automated user synchronization with platforms like **Mailchimp, HubSpot, and Google Ads** within a **TypeScript monorepo**.
- Reduced API overhead by 40% through **Postgres indexing** and refined **batch profile sync** logic with merge field mapping.
- Hardened platform security by implementing **AWS Cognito** for identity management and JWT-based authentication, alongside global validation and credentialed CORS management.
- Leveraged **Snowflake** to manage large-scale data warehousing and complex querying, facilitating high-efficiency processing and segmentation of multi-million record audience lists.
- Architected reusable **TypeScript DTOs** and utilities in a **monorepo** to standardize contracts.

IDR Solutions | *Lead Frontend Engineer*

- Architected the frontend from the ground up, delivering a claims management dashboard featuring **role-based authentication**, **audit logging**, and secure file handling.
- Integrated **AWS CloudFront** for scalable document storage and mentored a team of 6 engineers to drive code quality and team velocity.

ChargeLab | *Frontend Developer*

- Developed EV charger management dashboards using **React and Redux**, empowering operators with real-time monitoring and control capabilities across charging infrastructure.
- Orchestrated frontend integration with **OCPP-compliant APIs**, guaranteeing seamless compatibility across diverse charging hardware and electric vehicle models.
- Integrated **Cypress E2E testing** and **PostHog analytics**, effectively curbing production regressions and driving data-informed feature iterations.
- Optimized **state normalization** and dashboard rendering performance to efficiently process high-frequency status updates from thousands of concurrent charging sessions.

Jeeva Informatics | *Frontend Developer*

- Developed **patient engagement portals**, **eConsent flows**, and **TeleVisit features**, enabling faster onboarding and improved accessibility for clinical trial participants.
- Integrated **Twilio APIs** for secure, high-fidelity video consultations, improving patient-doctor interaction during remote trials.
- Developed **multi-step clinical survey forms** featuring complex validation logic and **local data persistence** to significantly reduce data entry errors and enhance user experience.

Fotonicia | **Noida, India** React Developer: Mar 2019 – May 2021

- Built a digital platform for photographers from scratch, implementing scalable architecture with React + Redux.
- Developed image galleries and payment integration UIs to support core business models.

EDUCATION

- 10th State Board - 2012
- 12th State Board - 2014
- National Institute of Technology (NIT) Silchar – B.Tech, 2018

ACHIEVEMENTS

- **Promotion to Senior Web Engineer (2025)**: Recognized for consistently delivering high-impact features and mentoring junior engineers.
- **ChargeLab Client Interview (2023)**: Represented the frontend team during client technical discussions, contributing to successful project onboarding.