

HARSH YADAV

Software Developer · Noida, Uttar Pradesh

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Professional Summary

Software Developer with 2+ years of experience building, optimizing, and scaling web and enterprise applications. Proficient in **React.js**, **Next.js**, **TypeScript** and state management (**Redux**, Context API), with a proven track record of delivering **Generative AI / OpenAI API integrations**, RESTful services, and automated CI/CD workflows in Agile environments.

Technical Skills

Languages & Frontend: JavaScript (ES6+), TypeScript, HTML5/CSS3, React.js, Next.js, Gatsby, Redux, Context API, Tailwind CSS, Material UI

Backend & Architecture: Node.js, Express.js, RESTful APIs, Microservices Integration, Sequelize, MongoDB, MySQL

Cloud, DevOps & Tools: AWS (S3, EC2, CloudFront), GitHub Actions, CI/CD pipelines, Git, Postman, Firebase

Core Frameworks & Concepts: Multimodal LLM Integration, API Telemetry & Observability, Web Performance Optimization, OOPs, Design Patterns

Experience

Kraftshala

Jul 2024 – Present

Software Developer

New Delhi

- Design and architect high-performance web applications using **React.js**, **JavaScript**, and **Gatsby**, successfully optimizing build workflows and cutting pipeline delivery times from **50+ minutes to 10 minutes**.
- Engineer core features for internal operations management platforms, incorporating role-based access control, complex workflow rules, and state synchronization via **Redux**.
- Engineered a resilient full-stack asynchronous automation framework using Node.js and Axios to securely ingest user form submissions and remote document buffers into base64 payload objects for multimodal LLM inference; implemented in-memory caching for evaluation rubrics and deterministic parsing to automate candidate scoring, reducing manual screening workflows by **40%**.
- Collaborate closely with product managers and backend teams to build scalable RESTful endpoints using **Node.js** and **Sequelize**, deployed securely via **GitHub Actions** and **AWS (S3, CloudFront)**.

Aimil Limited

Nov 2021 – Feb 2023

Design Engineer (Systems & Software validation)

New Delhi

- Programmed, tested, and validated logic controls and software execution flows for specialized instrumentation systems.
- Collaborated closely with cross-functional engineering teams in an Agile framework to deliver technical documentation, debug software interface anomalies, and enforce strict quality assurance benchmarks.

Projects

Marketing Website & Lead Generation Platform | *Gatsby, React.js, WordPress API, SEO*

- Developed **SEO-optimized** marketing, sales, and program pages using **Gatsby** and **React**.
- Implemented structured data, meta tags, **React Helmet**, **Facebook Pixel**, and **Conversion API** integrations to improve discoverability and tracking.
- Built CMS-driven content rendering using **WordPress ACF** and **React Portals** for dynamic marketing content.

Internal Operations Management Platform | *React.js, Material UI, Redux, Node.js*

- Automated student, cohort, hiring, and operational workflows, reducing manual effort across teams.
- Built **Leave Management System** with approval workflows, notifications, and role-based access control.
- Implemented **interview scheduling workflows**, bulk actions, automated email communication, and job-stage management.
- Integrated **OpenAI APIs** for automated resume evaluation and candidate scoring.

Student Learning & Certification Platform | *React.js, Redux, Node.js*

- Built **certificate generation and download workflows** for students completing program milestones.
- Integrated **Google Sheets API** to manage and display cohort-specific information dynamically.
- Developed centralized resource and guideline management system for students and program teams.

Education

Subharti University, Meerut

Aug 2017 – Aug 2021

Bachelor of Technology in Electronics and Communication

78.6%