

Shiv Narayan Sharma

Full Stack Engineer | MERN Stack | 3.6+ Years, Noida, IN

[LinkedIn](#) | [Portfolio](#)

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PROFESSIONAL SUMMARY

- ✓ **3.6+ years** of experience in building scalable, high-performance web applications using the **MERN stack** along with strong proficiency in **JavaScript, TypeScript, HTML5, CSS**, and related technologies.
- ✓ **Skilled in developing Single Page Applications (SPAs)** and integrating RESTful APIs for seamless data communication.
- ✓ Proficient in designing **RESTful APIs**, integrating third-party services, and building responsive UIs with **React.js, Next.js, Redux**, and **Bootstrap**
- ✓ **Skilled in optimizing React applications** for performance using **code-splitting, memoization, lazy loading**, and efficient state management.
- ✓ Experienced in **Agile development with Git-based version control, code reviews**, and a strong focus on **writing clean, maintainable code**.

SKILLS

- ✓ **Programming Languages:** Javascript, Typescript
- ✓ **Frontend:** React, Next, Redux, Redux Toolkit, HTML, CSS, Bootstrap
- ✓ **Backend:** Node, Express, RESTful APIs, WebSocket (socket.io), Microservices
- ✓ **Database:** NoSQL, MongoDB, Mongoose,
- ✓ **Methodologies & Version Control:** Agile, Scrum, Git, Github

PROFESSIONAL EXPERIENCE

CodeVyasa | Noida, IN

Software Engineer II

Mar 2023 - Apr 2025

- ✓ **Project:** Dealer Financing Exchange – DFX
 - **Dealer Financing Exchange** is a business loan management platform that facilitates **invoice-based financing for dealers**. It allows corporate-generated invoices to be used as loan eligibility criteria, with loans disbursed by admins representing banks and NBFCs.
 - **Skill used:** Javascript, Node.js, React.js, Express.js, MongoDB,, Redux Toolkit, Microservices

Responsibilities:

- **Developed multiple modules with maker-checker functionality** for Admin, Corporate, and Distributor portals, **improving operational efficiency by 25%**.
- **Built a dynamic form system driven by database schemas**, allowing real-time UI generation without code changes — **reduced 40% of deployment efforts** and manual code updates.
- **Implemented MLE encryption and decryption** using Node.js crypto module and Web Crypto API, **securing 100% of API** requests and responses across multiple client applications.
- **Implemented dynamic theming and font management** for whitelabel applications, supporting multiple clients (IOB, Axis, Kotak, Karnataka, Lloyds).

✓ **Project:** Aqualogica

- Aqualogica.in is a skincare brand offering hydration-focused products for Indian skin. Their range includes lightweight moisturizers, sunscreens, and serums with fruit extracts and actives like hyaluronic acid and niacinamide, designed to brighten, protect, and nourish skin without stickiness or harsh chemicals.
- **Skill used:** Node.js, React.js, Next.js, Express.js, MongoDB, Bootstrap, Typescript, Redux
- **Link:** aqualogica.in

Responsibilities:

- **Integrated third-party services** (Razorpay, IDfy, Digio, e-NACH) for payment processing, e-signatures, and digital verification, **enhancing platform capabilities**
- **Integrated Google reCAPTCHA v2 & v3** for clients Kotak and IOB, enhancing security and **reducing bot attacks by 40%**.
- **Optimized application performance** through modularization, lazy loading, and memoization, achieving **20% faster load times** and **reducing memory usage by 30%**.
- **Upgraded full-stack applications** (Node.js and React) to the latest stable versions, implementing security patches and **ensuring 100% compatibility** with existing integrations and legacy modules.

Conjoinix Total Solution | Chandigarh, IN

Web Developer

Sep 2021 - Jul 2022

✓ **Project:** Vahan Suraksha

- Vahan Suraksha is a **GPS-based vehicle tracking platform** offering **real-time monitoring, alerts, and AIS-140 compliance**. It supports certification of tracking devices (VLTDS) and is used by fleet operators and government authorities to ensure safety, regulatory adherence, and efficient management of commercial and public transport vehicles.
- **Skill used:** Javascript, Node.js, React.js, Next.js, Express.js, MongoDB, Typescript, Context Api
- **Link:** vahansuraksha.com

Responsibilities:

- **Designed and Developed** the Vahan Suraksha platform **from scratch using MERN**, enabling **real-time tracking and compliance** for 3+ state transport departments.
- **Built scalable RESTful APIs and real-time data pipelines** using Node.js, Express, MongoDB, and Socket.io to support **live GPS feeds with <2-second latency**.
- **Integrated real-time alerts** (e.g., ignition status, tampering, low battery) using **WebSocket and event-driven architecture**, reducing incident response time by **40%**.

EDUCATION✓ **Bachelor of Engineering in Electronics and Electrical Engineering – 7.64 CGPA**

MBM Engineering College, Jodhpur

Jul 2017 - Jun 2021