

PARVAT RAJ SINGH RAO

Udaipur, Rajasthan

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PROFESSIONAL SUMMARY

Frontend-focused Software Developer with 3+ years of experience building scalable, enterprise-grade web applications using Next.js, React.js, Redux Toolkit, and Tailwind CSS. Experienced in developing complex admin panels, governance and compliance platforms, EDI systems, and subscription-based billing workflows with Razorpay integration. Strong in API integration, performance optimization, bug fixing, and delivering clean, maintainable UI solutions for real-world business problems.

Experience

Millipixels Interactive

May 2025 – Present

Software Developer

Remote

- Designed and developed an enterprise-grade MDM (Mobile Device Management) Admin Panel using Next.js, Redux Toolkit, and Tailwind CSS, enabling administrators to remotely monitor devices, manage assets, and enforce security policies across large-scale device fleets.
- Implemented automated compliance validation workflows, ensuring devices adhered to organizational security and governance standards, reducing manual intervention and operational overhead.
- Built role-based access control (RBAC) mechanisms to manage permissions for admins, partners, and users, improving system security and access governance.
- Contributed to the development of an enterprise GRC (Governance, Risk, and Compliance) platform, supporting end-to-end governance workflows, compliance tracking, and audit readiness.
- Integrated subscription-based billing and partner onboarding workflows using Razorpay, including customer creation, plan management, and billing lifecycle handling.
- **Contributed to the Avirat AI integration platform**, building a dynamic third-party configuration system with API orchestration and webhook-based communication.
- Developed connect modal and advanced configuration modules enabling metadata-driven JSON payload handling and flexible request/response mapping.
- Implemented integration testing workflows with real-time API execution, validation, and error handling.
- Designed validation mechanisms to enforce unique third-party configuration mappings and prevent duplicate service account linkage.
- Built deep-link navigation system to open configurations directly via URL, improving usability and system navigation.
- Handled secure API communication including custom headers (e.g., webhook tokens), async workflows, and robust error handling using Redux Toolkit.
- **Worked on blockchain-based modules** using Solidity, Ganache, and IPFS for decentralized data storage and retrieval.
- Integrated IPFS for decentralized file storage and stored content hashes on-chain for secure and tamper-proof data referencing.
- Simulated blockchain environments using Ganache and implemented transaction workflows including contract interaction and state updates.
- Built frontend interfaces for blockchain interaction using Web3.js/Ethers.js, handling wallet transactions, async confirmations, and failure scenarios.
- Collaborated with backend teams to consume and integrate REST APIs, handling authentication, pagination, filtering, and error states efficiently.
- Improved UI performance and reliability by optimizing state management, reducing unnecessary re-renders, and fixing production-level bugs.

- Actively participated in sprint planning, task estimation, and issue tracking using Jira, following agile development practices.

Battle Mount

Aug 2023 – Apr 2025

Software Developer

Udaipur

- * Built the Battle Mount web application from scratch, taking ownership of frontend architecture, reusable component design, and seamless backend API integration.
- * Developed a fuel supply management system, including a customer-facing website and an admin panel to manage orders, logistics, pricing, and operational workflows.
- * Implemented responsive, mobile-friendly UI components using Next.js and Tailwind CSS, ensuring consistent user experience across devices.
- * Integrated dynamic forms, dashboards, and data tables with server-side APIs, supporting pagination, search, filters, and role-based actions.
- * Maintained and supported a meat supply management platform, resolving critical production bugs, performance issues, and UI inconsistencies.
- * Ensured high system availability by continuously monitoring application behavior, debugging live issues, and delivering timely fixes.
- * Worked closely with stakeholders to understand business requirements and translate them into scalable technical solutions.
- * Deployed and managed applications on Vercel, ensuring smooth builds, environment configuration, and reliable production releases.

Jan 2023 – May 2023

Software Developer -Intern

Udaipur

- * Contributed to the development of the Coaliance EDI Management System, focusing on building scalable and responsive frontend interfaces using React.js, HTML5, CSS3, and Tailwind CSS.
- * Developed reusable UI components to streamline EDI workflows, improving data visibility and user efficiency.
- * Gained hands-on experience working in a professional development environment, following coding standards and collaborative workflows.

Technical Skills

Frontend- Next.js, React.js, Redux Toolkit, TypeScript, JavaScript, HTML5, CSS3, Tailwind CSS

Backend and APIs- REST APIs, Swagger, Postman

Payments and Tools- Razorpay, GitHub, Jira

Deployment and Dev Tools- Vercel, VS Code

Education

Geetanjali Institute of Technical Studies

2019 - 2023

Bachelor of Technology in Computer Science(CGPA 7.0)

Udaipur, Rajasthan, India

Happy Home Sr. Sec. School

2018 - 2019

PCM(Percentage 69.80)

Udaipur, Rajasthan, India

Happy Home Sr. Sec. School

2016 - 2017

(Percentage 67.50)

Udaipur, Rajasthan, India

Extra Achievements

- NCC (National Cadet Corps) C Certificate.