

# MOD NARAYAN SINGH

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## PROFESSIONAL SUMMARY

Dynamic **Full Stack Developer** with 2.6+ years of expertise in **MERN stack** (MongoDB, Express.js, React.js, Node.js), **React Native**, **Next.js**, **PostgreSQL** and **WebSocket** technologies. Proficient in leveraging **Docker**, **Kubernetes**, **Kafka**, and **AWS** (EC2, S3, Amplify, RDS) for robust cloud-based applications. Adept in **JavaScript**, **TypeScript**, and state management using **Redux Toolkit**, which improved application performance by **25%**. Delivered high-impact projects, including the **Vendor & Customer Portal** for Amerit Fleet Solutions, optimizing user engagement and business workflows. Strong communicator and team leader with a focus on building scalable and efficient web applications.

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## SKILLS

- **Frontend:** React.js, Next.js, HTML5, CSS3, Tailwind CSS, Material-UI, Redux, TypeScript, WebSocket, Socket.io
- **App Development:** React Native
- **Programming Languages:** JavaScript, TypeScript
- **Backend Development:** Node.js, Express.js, API Design, REST APIs, Prisma
- **Databases:** MongoDB, Firebase, PostgreSQL, Redis
- **Cloud & DevOps:** Docker, Kubernetes, AWS (EC2, S3, Amplify, RDS), Kafka
- **CI/CD Pipelines:** GitHub Workflows for automated build and deployment
- **Version Control & Project Management:** Git, GitHub, Jira
- **Other Tools & Technologies:** ESLint, Prettier, NPM, Yarn, Webpack, Babel, Zustand, Next-Auth

## Key Accomplishments

- **Frontend Leadership:** Led the frontend design and implementation for **Amerit Fleet Solutions' Vendor & Customer Portal**, improving application load speed by 20% using Next.js and optimized state management.
- **Real-Time Communications:** Integrated real-time messaging using **Socket.io**, significantly enhancing user interactivity.
- **Mentorship:** Mentored junior developers, **improving team productivity by 15%**.
- **Deployment & Scalability:** Successfully deployed containerized applications with **Docker** and managed scalable services with **Kubernetes**, reducing deployment time by 30%.

## PROFESSIONAL EXPERIENCE

### Software Developer

*Senwell Solutions, Pune*

(January 2023 – Present)

#### Project: Vendor and Customer Portal

(March 2023 – Present)

- **Technologies:** Next.js, Next-Auth, TanStack Query, TanStack Table, Zustand, Context API, Axios, React-hook-form
  - **Description:** Spearheaded the front-end development for a responsive Vendor and Customer Portal, facilitating a seamless experience for B2B and B2C interactions.
  - **Achievements:**
    - Developed a user-centric interface using Next.js and Material-UI, optimizing for mobile responsiveness and enhancing UX.
    - Integrated TanStack Query for efficient data fetching and caching, reducing latency and improving performance.
    - Collaborated with backend engineers to ensure smooth API connectivity, improving error-handling mechanisms and uptime.
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### MERN Developer

*DCT Academy*

(April 2022 – October 2022)

#### Project: E-Academy – Full Stack Educational Platform

- **Technologies:** React.js, Redux Toolkit, Chakra UI, Node.js, Express.js, MongoDB, Razorpay
  - **Description:** Developed a comprehensive educational platform offering courses, assessments, and integrated payments for enhanced learning accessibility.
  - **Achievements:**
    - Built and deployed a full-stack web and mobile platform, streamlining user interactions and learning progress tracking.
    - Integrated Razorpay for seamless payments, simplifying the onboarding process and supporting scalable transactions.
    - Leveraged Redux Toolkit for effective state management, reducing component re-renders by 15%.
    - Created a responsive and accessible UI using Chakra UI, delivering consistent design and usability across devices.
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## EDUCATION

B.Tech in Electrical Engineering

BPUT University, Odisha

Graduation Year: 2019