# MOD NARAYAN SINGH

Pune, Maharashtra 411014| (+91) 79784-01442 | monukumarsinghmonu@gmail.com
Portfolio | LinkedIn | GitHub

## PROFESSIONAL SUMMARY

Dynamic **Full Stack Developer** with 2.9+ 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 **Optimized** 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.

## 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:**
    - Championed the migration to a user-centric design with Next.js and Material-UI, achieving a 25% reduction in bounce rate on mobile devices and enhanced overall user experience.
    - Deployed TanStack Query across the Customer Portal, optimizing caching strategies and decreasing data fetching times; resolved the three biggest causes of data loading crashes..
    - Enhanced API performance through collaborative debugging and optimization with backend engineers, achieving a 30% decrease in average API response time and elevated overall system stability.

---

**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:** Conceptualized and built a full-stack educational platform featuring courses, assessments, and integrated payments, which streamlined the learning process for over 500 initial users and improved accessibility.
- **Achievements:**
    - Developed and deployed a scalable full-stack web and mobile platform, enhancing user engagement and learning progress tracking.
    - Integrated Razorpay for seamless payment processing, optimizing onboarding efficiency and enabling high-volume transactions.
    - Implemented Redux Toolkit to enhance state management, reducing component re-renders by 15% and improving application performance.
    - Designed a responsive, accessible UI using Chakra UI, ensuring cross-device compatibility and a consistent user experience.

---

# EDUCATION

B.Tech in Electrical Engineering
BPUT University, Odisha                                                    Graduation Year: 2019