

MOD NARAYAN SINGH

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PROFESSIONAL SUMMARY

Full-Stack Developer with 3+ years of experience in designing and building scalable applications using React.js, Next.js, Node.js, and cloud platforms (AWS, Docker, Kubernetes). Adept at developing microservices, real-time systems, and CI/CD pipelines to deliver high-performance, resilient software. Skilled at collaborating across teams to drive business impact through technology.

EXPERIENCE

Software Developer

Jan 2023 – Present

Senwell Solutions

Pune, India

- Developed responsive B2B and B2C web applications using React, Next.js, and Zustand, improving customer engagement.
- Built and maintained REST and GraphQL APIs with Node.js, Express.js, and Nest.js for scalable backend services.
- Deployed applications on AWS (EC2, S3) with Docker and Kubernetes, improving system scalability and reducing downtime.

MERN Developer

April 2022 – October 2022

DCT Academy

Bengaluru, India

- Completed an intensive MERN stack internship, gaining hands-on experience in full-stack development using React.js, Next.js, Node.js, Express.js, and MongoDB.

PROJECTS

AIAE AvatarConnex | Node.js, NestJS, GraphQL, Kafka, Docker, Kubernetes, Stripe

Mar 2025 – Present

- Designed scalable backend microservices using Node.js and NestJS with GraphQL, optimizing API response times.
- Integrated Kafka with Zookeeper to build fault-tolerant real-time data pipelines, improving responsiveness.
- Implemented secure payment processing using **Stripe APIs**, enabling seamless financial transactions.
- Enhanced observability by integrating ELK stack (Logstash, Filebeat, Elasticsearch, Kibana) for monitoring and logging.
- Improved system uptime by 20% through resilient architecture and proactive error handling.

Customer Portal | Next.js, Material-UI, GraphQL, REST, Zustand

Jan 2023 – Mar 2025

- Led frontend development of a responsive customer portal with a mobile-first design, improving accessibility.
- Integrated REST and GraphQL APIs with TanStack Query for caching and real-time updates, boosting performance.
- Delivered seamless customer experiences with real-time account updates and personalized dashboards.

SKILLS

Frontend: React.js, Next.js, HTML5, CSS3, Tailwind CSS, Material-UI, Redux Toolkit, Zustand, Socket.io

App Development: React Native

Programming: JavaScript, TypeScript, Python, Golang

Backend: Node.js, Nest.js, Express.js, API Design, REST APIs, GraphQL, Prisma, TypeORM

Databases: MongoDB, PostgreSQL, Firebase, Redis

Cloud & DevOps: AWS (EC2, S3, Amplify, RDS), Docker, Kubernetes, Kafka

CI/CD: GitHub Workflows

Other Tools: Git, GitHub, Jira, Next-Auth, TanStack Query, TanStack Table, React-hook-form, Axios, ESLint, Prettier, NPM, Yarn, Webpack, Babel

EDUCATION

B.Tech in Electrical Engineering

2019

C.V. Raman College of Engineering

Bhubaneswar, Odisha