

Nikhil Meshram | Senior Full Stack Engineer | MERN | Node.js | AWS | Docker

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SUMMARY

Senior Full-Stack Engineer with 5+ years of experience building scalable SaaS platforms, distributed systems, and real-time applications using Node.js and React. Specialized in backend architecture, microservices, and cloud-native systems, with hands-on experience in Docker, CI/CD, and performance optimization. Recently built AI-integrated developer tooling using MCP (Model Context Protocol), enabling natural language-driven UI generation and automated workflows with tools like Cursor and Claude.

SKILLS

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|----------------------------------|--|
| ● Frontend Development | JavaScript, TypeScript, React, Next.js, Redux Toolkit, TanStack Query, Tailwind CSS, HTML5, CSS3 |
| ● Backend Development | Node.js, Express.js, REST APIs, GraphQL, Socket.IO, Authentication and Authorization, JWT, OAuth, Payments, RabbitMQ, BullMQ, Microservices, Distributed Systems |
| ● Databases & Storage | MongoDB, PostgreSQL, Prisma, Redis, Supabase, Firebase, Cloudinary, MinIO |
| ● Mobile App Development | React Native Expo, React Navigation, Expo Notifications, React Native Paper |
| ● Tools and Platforms | Git, GitHub, Firebase Hosting, Vercel, Postman, AI Platforms and Tools |
| ● DevOps and Cloud | AWS (EC2, S3, RDS), Docker, Docker Compose, Nginx, GitHub Actions, CI/CD Pipelines, Kubernetes (basic), TurboRepo (Monorepo), PNPM Workspaces, Prometheus, Grafana |
| ● AI & DevTools | MCP (Model Context Protocol), Cursor AI, Claude Code, MCP |

PROJECTS

- ConnectEdApp | Founder & Full-Stack Developer**

June 2022 – Dec 2024

(Self-started EdTech platform showcasing end-to-end MERN stack development and product management skills.)

 - Conceptualized, built, and launched a cross-platform EdTech platform from scratch, managing the entire product lifecycle from idea to a published app on the Google Play Store and a web app on a custom domain.
 - Architected a scalable backend with Node.js, Express, and GraphQL, implementing JWT authentication, Cloudinary for media storage, and Socket.IO for real-time interactions.
 - Engineered a real-time synchronization layer between React Native (Expo) and React web clients using Firebase, ensuring 100% cross-platform compatibility and reducing data sync latency by 40%.
 - Led direct marketing efforts, presenting to 100+ school administrators across 50+ schools, gathering insights, refining the product strategy, and identifying market adoption challenges.
- Revize Web Accessibility Platform**
 - Migrated legacy codebase to a TurboRepo + PNPM monorepo, improving modularity, code reuse, and developer productivity.
 - Containerized API, worker, broker, and frontend services using Docker; orchestrated multi-service environments via Docker Compose for consistent development and production workflows.
 - Configured Nginx as a reverse proxy and static asset server to route traffic across frontend, backend, and worker services with unified endpoints.
 - Implemented automated CI/CD pipelines using GitHub Actions for test → build → dockerize → deploy stages, improving deployment reliability and reducing manual operational overhead.
 - Introduced shared utilities and packages within the monorepo, eliminating duplication and ensuring consistent functionality across services.

WORK EXPERIENCE

- Mindfire Solutions** (Remote | WFH)

Senior Software Engineer

Aug 2025 – Present

 - Architected and deployed a distributed microservices platform for high-volume web accessibility scanning using Node.js, RabbitMQ, and Puppeteer, enabling scalable asynchronous processing.
 - Standardized the codebase into a TurboRepo + PNPM monorepo, improving build times by 30% and enabling consistent dependency management across API, worker, and frontend services.
 - Containerized services using Docker and orchestrated environments with Docker Compose and Nginx, achieving environment parity and reducing deployment failures.
 - Implemented CI/CD pipelines with GitHub Actions and established monitoring using Prometheus and Grafana, reducing deployment errors by 50% and ensuring production reliability.
 - Architected MCP (Model Context Protocol) integration for Ignix UI by building a TypeScript-based MCP server and CLI workflows, enabling AI assistants (Cursor, Claude) to discover and install UI components via natural language.
 - Reduced manual UI setup effort by ~70% by enabling AI-driven component installation, automated project initialization, and structured tool execution using MCP and llms.txt.

Softtronix (Nagpur)

MERN Stack Developer

Feb 2022 – July 2025

- Engineered high-performance MERN stack applications, optimizing scalability, security, and system efficiency.
- Designed and implemented RESTful APIs and GraphQL, reducing API latency by 40% and enhancing data retrieval speed.
- Developed secure authentication mechanisms using JWT and OAuth, ensuring seamless user access while strengthening data protection.
- Optimized backend architecture, refining database queries and API interactions to enhance scalability and reduce response times.
- Integrated real-time communication with WebSockets (Socket.IO), enabling faster, interactive user experiences for chat and live updates.

RevoltCreations (Vashi, Navi Mumbai)

Business Development Manager

Feb 2017 – Jan 2022

- Led business development strategies, driving a 50% revenue increase through strategic partnerships, digital outreach, and lead generation.
- Managed and nurtured relationships with 10+ key client accounts, providing customized solutions and achieving an exceptional 90%+ customer retention rate through proactive engagement.
- Collaborated with technical teams to enhance the company's digital presence, contributing to website development using **React.js** and improving online lead conversions by 20%.

EDUCATION

- Master of Business Administration (Finance)** | UDMS (Dr. BAMU) | Aurangabad, Maharashtra | Sept 2014 – July 2016
- Bachelor of Engineering (Computer Science)** | Dr. Sau. KGIET Darapur | Amravati, Maharashtra | July 2009-July 2013