

NEHAL INGOLE

Software Developer · Frontend · Cloud / DevOps

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EDUCATION

Degree	Institute	Year	CGPA
B.Tech (Information Technology)	Government College of Engineering, Karad (Shivaji University)	2019 – 2023	7 / 10

WORK EXPERIENCE

Kshan Tech Soft Pvt Ltd

Jan 2025 – Present

Software Developer · Frontend & Cloud

- Developed and maintained 5+ production React.js, TypeScript, and Next.js applications with strongly typed components, custom hooks, and modern state management.
- Implemented CI/CD pipelines with GitHub Actions and managed AWS deployments (EC2, S3, Lambda, CloudWatch) for reliable, repeatable releases.
- Improved application stability through testing, debugging, performance tuning, and infrastructure monitoring.
- Collaborated with product and engineering teams to translate requirements into scalable, maintainable software.

AnimioUI (Open Source)

Mar 2026 – Present

Creator & Maintainer

- Designed and shipped AnimioUI, a production-ready React + TypeScript component library for reusable, high-performance UI and animations (animioui.in).
- Built fully typed components using TypeScript interfaces and generics, with documentation and a consistent design system.

Alif View Media

Apr 2023 – Dec 2024

Software Developer

- Built a fully responsive business website using React.js, TypeScript, Tailwind CSS, and GSAP from complex Figma designs.
- Delivered pixel-accurate, accessible, cross-browser UI with strong performance and Core Web Vitals focus.

Linux World Informatics Pvt Ltd

May 2021 – Aug 2021

DevOps Intern

- Supported CI/CD workflows using Kubernetes, Jenkins, Docker, and Git; completed 10+ hands-on DevOps and ML projects.

TECHNICAL SKILLS

Languages: TypeScript

Frontend: React.js, Next.js (SSR/SSG), Redux, TanStack Query, Tailwind CSS, GSAP, HTML5, CSS3

Cloud / AWS: EC2, S3, IAM, VPC, Lambda, CloudWatch, RDS, SQS, ECR, EKS

DevOps: Docker, Kubernetes, Terraform, Ansible, Jenkins, GitHub Actions, CI/CD, Linux

Observability: Prometheus, Grafana, CloudWatch, MQTT, EMQX

Practices: REST APIs, Git, Agile, Code Reviews, Documentation

KEY PROJECTS

EMQX Real-Time Messaging Platform [Notion document](#)

| EMQX, Docker, Kubernetes, AWS, MQTT, Prometheus, Grafana

- Designed and deployed a highly available EMQX MQTT cluster on Kubernetes supporting 100,000+ concurrent connections.
- Containerized services with Docker and configured Kubernetes auto-scaling, load distribution, and high availability.
- Provisioned AWS infrastructure and implemented Prometheus + Grafana dashboards for system health, connections, and alerts.

- Built CI/CD pipelines for automated build, test, and deployment of the messaging platform.
- Delivered production-grade, observable, low-latency real-time messaging infrastructure.

AI Workspace | Next.js, React, TypeScript, Tailwind, Docker | a-icanvas.vercel.app

- Built an AI productivity platform with chat, infinite canvas, mind maps, and diagram generation — no login required.
- Used Next.js SSR/SSG patterns, strongly typed React components, and OpenRouter API for multi-model generation.
- Containerized and deployed the application end-to-end with a performance-focused frontend architecture.

HLS Adaptive Bitrate Streaming | AWS S3, Docker, Adaptive Streaming

- Implemented a scalable HLS adaptive bitrate video pipeline using Docker and AWS S3.
- Enabled secure storage, efficient processing, and reliable multi-quality delivery to end users.

AnimioUI Component Library | React, TypeScript, Animation Libraries | animioui.in

- Open-sourced a typed React UI library focused on modern animations, clean APIs, and reusable design-system components.

ACHIEVEMENTS

- Open Source: 13+ merged contributions across infrastructure, AI, and web projects; creator of AnimioUI.
- Writing: 80+ Hashnode articles on React, TypeScript, AWS, DevOps, and cloud-native practices.
- Hackathons: 2nd Runner-Up, GCEK Hackathon 2022; 4th Position, GCEK Ideathon 2023.
- Certification: Artificial Intelligence on AWS.

EDUCATION

B.Tech in Information Technology

Government College of Engineering, Karad

Shivaji University · CGPA 7.98 · 2019 – 2023