Chanchal Kumar Vishvakarma

Senior Fullstack Engineer | Tech Lead | Expanding into Cloud Architecture & DevOps
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My Portfolio: https://www.chanchalkv.com/

Professional Summary

Senior Fullstack Engineer (5.2 YOE) specializing in high-performance frontend architecture (React/Next.js) and scalable backend systems (Node/Nest). Proven experience leading teams, owning system design, and delivering financial, healthcare, AI, and edtech products at scale. Expert in AWS cloud, CI/CD automation, and secure system design.

ADDITIONAL HIGHLIGHTS

- Performance Optimization, Agile/Scrum, and cloud deployments.

Technical Skills

Frontend: React, Next.js, Typescript, Redux Toolkit, Tailwind, Material-UI (MUI), React Query

Backend: Node, NestJS, Express, REST, GraphQL

Cloud: AWS (EC2, S3, Lambda, RDS, Cognito), Docker, Jenkins, GitHub Actions

DB: MongoDB, MySQL, PostgreSQL

Others: WebSockets, PWA, Socket.IO, RSA+AES security, Stripe, Razorpay, Git / Version control

Professional Experience

Senior Software Engineer - Neosoft

July 2025 – January 2026 (Currently Working) | Mumbai, India

Domain: **Mutual Funds, Digital KYC, Compliance**

- Led a team of 5 engineers and delivered digital KYC (Digi Locker + e-Mudra) and key mutual fund flows (Switch, STP, SWP) 1 sprint ahead.
- Improved SEO score 72% → 94% and optimized load time 4.5s → 1.5s using SSR optimizations and caching.
- Designed secure financial workflows using RSA + AES encryption.
- Architected systems for 1M+ users and optimized CI/CD pipelines reducing deployment time by 80%. • Drove sprint planning, code reviews, and cross-functional engineering improvements.

Senior Software Engineer - Tatvasoft

Oct 2021 – May 2025 | Ahmedabad, India

- Architected and delivered 3+ enterprise applications using Next.js + Node/Nest stack, serving 500K+ combined users across healthcare, e-commerce, and SaaS domains.

• Led client communication, requirement gathering, and planning-to-product execution. •
Built AWS-based infra (Cognito, S3, Lambda, Amplify, RDS) and CI/CD pipelines.
• Created reusable UI libraries improving code reuse by 60%.

Full-Stack Web Engineer – X2 Infotech

Gwalior, India | Oct 2020 – Sept 2021

• Built SSR-enabled Next.js apps and secure Express.js APIs.
• Developed PWAs and packaged native mobile builds using Capacitor.
• Integrated Razorpay and improved engagement by 25%.

Education

Bachelor of Technology (B. Tech)

Rajiv Gandhi Proudyogiki Vishwavidyalaya (RGPV), Bhopal

Graduated: 2017

Certifications

• JavaScript, React, Node.js Developer Certificate – Namaste Dev

High Impact Projects

1. Patient Health Portal — Healthcare SaaS

Domain: Healthcare
Role: Senior Fullstack Engineer
Impact:
• Built SSR/ISR-enabled Next.js app improving load time and Lighthouse performance. •
Integrated REST + GraphQL APIs and secure JWT + OAuth2 auth.
• Worked with Python team to integrate AI health insights.

2. Smart Color Styler — AI + PWA + Native App

Domain: Artificial Intelligence, PWA
Role: Senior Fullstack Engineer, Product Owner
Impact:
• Managed full lifecycle + CI/CD automation.
• Improved API speed by 30% and delivered Android/iOS builds via Capacitor.

3. EdTech Communication Platform

Domain: EdTech
Role: Senior Fullstack Engineer
Impact:
• Migrated Firebase → MongoDB and optimized APIs achieving 70% better performance. • Built
role-based dashboards (Admin, Teacher, Student) with real-time messaging and notification
features using WebSockets.
• Architected scalable backend handling 10K+ concurrent users.