

MANISH GANDOTRA

Gurugram, India

☎ +91-8800463103

✉ manishgandotra@icloud.com

SUMMARY

Senior Full-Stack Engineer Senior Full-Stack Engineer (Next.js, NestJS, Node.js, AWS, PostgreSQL, MongoDB) with around 7 years of experience building scalable, high-performance SaaS, FinTech, and GovTech platforms across enterprise and startup environments. Strong expertise in React, Next.js, Node.js, NestJS, and AWS, with a proven track record of scaling systems to 1M+ records, optimizing performance, and owning end-to-end delivery from architecture to production. Known for clean architecture, frontend excellence, and building reliable, cost-efficient cloud systems.

Key Highlights:

- Scaled React Node.js platforms to 1M+ records with low-latency performance.
- Led frontend architecture using React, Next.js, TypeScript, and modular design patterns.
- Reduced AWS infrastructure costs by 50% using serverless and optimized deployments.
- Accelerated CI/CD by 40% with Docker, Jenkins, and GitHub Actions.
- Delivered enterprise-grade systems with startup-level speed and ownership.
- Mentored engineers and improved delivery velocity and code quality.

LINKS

LinkedIn: <https://www.linkedin.com/in/manish-gandotra-b53413b8>

Github: <https://github.com/ManishgandotraCoder>

Website: <https://manishgandotra.com>

Portfolio/Projects: <https://www.manishgandotra.com/projects>

PROFESSIONAL EXPERIENCE

Termgrid

Feb 2024 – Present

Software Engineer

Remote

- * Designed and scaled a high-performance debt management platform handling 1M+ records using React, Next.js, TypeScript, Node.js, NestJS, and Prisma.
- * Improved frontend performance by 30% using SSG, optimized rendering, and efficient data fetching.
- * Built a clean, modular frontend architecture to support long-term scalability.
- * Automated CI/CD pipelines using Docker, Jenkins, and AWS, reducing deployment time by 40%.
- * Revamped UI/UX, increasing user engagement by 25% and reducing bounce rate by 10%.

Deloitte

July 2022 – Feb 2024

DC Consultant

Remote

- * Built data-heavy dashboards using React, Next.js, TypeScript, Node.js, and PostgreSQL for global enterprise clients.
- * Reduced page load times by 50% using Static Site Generation, caching strategies, and API optimizations.
- * Designed and implemented serverless architectures using AWS Lambda, S3, API Gateway.
- * Automated large-scale workflows with event-driven Node.js services and AWS SQS.
- * Mentored 6+ engineers, improving code quality, reviews, and delivery timelines.
- * Developed React Native applications with offline support and performance optimizations.
- * Built MongoDB collections for audit/activity logs with compound indexes and pagination, improving query performance.

Cognizant

May 2021 – Jul 2022

Associate Projects

Remote

- * Built a real-time monitoring platform using Next.js, NestJS, GraphQL, and Node.js tracking 5,000+ sites.
- * Designed event-driven systems using AWS SQS and DynamoDB.
- * Implemented Okta SSO and RBAC, reducing support tickets by 40%.
- * Optimized cloud usage, cutting AWS costs by 50%.
- * Developed React Native applications for real-time alerts and dashboards.

National Informatics Center

Jun 2019 – Apr 2021

Software Developer

Chandigarh, India

- * Engineered and maintained government billing systems serving 10,000+ daily users.
- * Built React and React Native applications with offline support.
- * Improved development speed by 40% through modular frontend redesign.
- * Secured REST APIs with RBAC and role-based authorization.
- * Improved system reliability through indexing, monitoring, and performance tuning.

TECHNICAL SKILLS

Core Front-End: React.js, Next.js, TypeScript, Tailwind CSS, Ant Design (AntD), Material-UI (MUI)

Core Back-End: Node.js, NestJS, Express.js, REST APIs, Microservices Architecture

Databases: PostgreSQL, MongoDB, MySQL, Redis

Cloud & DevOps: AWS (Lambda, S3, EC2, API Gateway), Docker, Kubernetes, Terraform, Jenkins, GitHub Actions

Messaging & Event-Driven: Kafka, RabbitMQ, Redis Queues, AWS SQS

Testing & QA: Jest, Mocha, Selenium, SonarQube

AI & Machine Learning: OpenAI APIs, ChatGPT, GitHub Copilot

Development Practices: Agile/Scrum, SOLID Principles, Domain-Driven Design (DDD), Object-Oriented Programming (OOP), Continuous Integration/Continuous Deployment (CI/CD), Test-Driven Development (TDD), Team Leadership

Domains: FinTech, SaaS, GovTech, AdTech

GitHub Copilot: Cursor, Github Copilot, ChatGpt

EDUCATION

Punjab Technical University

Bachelor of Technology in Computer Science

Aug 2013 - Jun 2017

Gurdaspur, India

CERTIFICATIONS

Cloud Computing Specialization, University of Illinois (Coursera) — Jan 2023

Meta Front-End Developer Professional Certificate (Meta) — Apr 2023

Advanced JavaScript Concepts (Udemy) — Jun 2023

Introduction to Web Development, University of California, Davis — Jan 2024