

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 <i>Software Engineer</i>	Feb 2024 – Present <i>Remote</i>
* 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 <i>DC Consultant</i>	July 2022 – Feb 2024 <i>Remote</i>
* 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 <i>Associate Projects</i>	May 2021 – Jul 2022 <i>Remote</i>
* 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 <i>Software Developer</i>	Jun 2019 – Apr 2021 <i>Chandigarh, India</i>
* 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