MUNESH KUMAR

Senior Full Stack Developer | MERN Stack | Next.js | Node.js | AWS
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SUMMARY

Senior Full Stack Developer with 10+ years of experience in building scalable applications using MERN Stack, Next.js App Router, REST APIs, MySQL, MongoDB, and AWS. Expert in system architecture, backend optimization, secure authentication, and team leadership.

TECHNICAL SKILLS

Frontend: React.js, Next.js (App Router), Redux, Tailwind CSS, Bootstrap, HTML5, CSS3, JavaScript (ES6+)

Backend: Node.js, Express.js, REST APIs, JWT Authentication, OAuth, RBAC

Databases: MySQL, MongoDB, Prisma, Mongoose

Tools & DevOps: Git, GitHub, AWS EC2/S3/SES, PM2, Nginx, Hostinger Cloud, cPanel, Cron Jobs

Architecture & Performance: System Design, Scalable Architecture, MVC Architecture, High Availability, Performance Optimization, Database Indexing, Server-Side Rendering (SSR), API Security

Other Skills: SEO, Google Analytics, Razorpay Integration, WordPress

PROFESSIONAL EXPERIENCE

Senior Full Stack Developer (MERN) — IT Research Labs, Gurugram (2018–Present)

• Designed and deployed full-stack applications using MERN + Next.js.

• Improved backend API performance by 30–40% with optimized queries.

• Built secure authentication using JWT, bcrypt, and RBAC.

• Managed database design for MySQL + MongoDB with 100K+ records.

• Automated deployment using AWS EC2, PM2, and Nginx.

• Mentored junior developers and improved project delivery quality.

Full Stack Developer (Freelancer), Gurugram (2015–2017)

• Delivered 15+ projects using React, PHP, Node.js, and MySQL.

• Integrated SMS, Email, Maps, and Payment APIs.

• Created responsive UI components enhancing user experience.

KEY PROJECTS

Online Examination Portal – Next.js (App Router), Node.js, MySQL

• Developed scalable exam platform with real-time timer and analytics dashboard.

• Implemented secure authentication using JWT and role-based access control.

• Optimized database queries for handling concurrent users.

Online Banking System (MERN): KYC, balance history, encrypted data, optimized APIs (35% improved speed).

Supply Chain Management System (React + Node + MongoDB): Inventory tracking, supplier management, real-time order automation.

Online Registration Portal (Next.js + MySQL): Dynamic forms, admin panel, validation, mobile-first design.

E-commerce Platform (WordPress + WooCommerce): Payment integration, checkout optimization, SEO improvements.

EDUCATION

M.Sc (Mathematics) – GJU Hisar (2015–2017)

ACHIEVEMENTS

• Reduced backend response time by 40% through query optimization.

• Successfully deployed production systems with 99.9% uptime.

• Led a team of 4+ developers on enterprise-level projects.