

# Hamza Nasar

Full Stack AI Developer | MERN Stack Developer | AI-Integrated Web Applications

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## PROFESSIONAL SUMMARY

Solution-driven Full Stack AI Developer with 3+ years of experience building MERN and Next.js applications, REST/GraphQL APIs, real-time systems, dashboards, and AI-integrated platforms. Strong hands-on expertise in React.js, Next.js, Node.js, Express.js, MongoDB, TypeScript, PostgreSQL, authentication, database design, performance optimization, and deployment workflows. Experienced in delivering scalable web products for client projects, freelance engagements, and production environments.

## CORE SKILLS

Frontend: React.js, Next.js, JavaScript (ES6+), TypeScript, Redux, Tailwind CSS, Bootstrap, Shadcn UI, Material UI

Backend: Node.js, Express.js, REST APIs, GraphQL, JWT, OAuth, Role-Based Access Control, Middleware

Databases: MongoDB, Mongoose, PostgreSQL, Prisma, Aggregation Framework, Schema Design

AI / Real-Time: OpenAI API, Gemini AI, Socket.io, WebSocket, WebRTC, Real-Time Messaging, AI Chat

Integrations

Cloud / DevOps: Docker, CI/CD, Vercel, Railway, Render, Netlify, Nginx, PM2, Deployment Pipelines,

Basic AWS Familiarity

Tools: Git, GitHub, Postman, VS Code, Debugging, API Integration, Responsive Design

## PROFESSIONAL EXPERIENCE

### Full Stack Developer | Linkitsoft | Karachi | 2024 - 2025

- Developed and deployed production-grade MERN applications for client-facing use cases across web platforms.
- Built and optimized REST APIs, authentication flows (JWT/OAuth), and scalable database schemas for secure application architecture.
- Improved application performance by 35%+ through query optimization, code refactoring, and cleaner backend architecture.

### MERN Stack Developer | Slash International | Karachi | 2023 - 2024

- Designed and implemented Next.js frontends with reusable components and responsive UI patterns.
- Integrated MongoDB and third-party APIs to support scalable business workflows and reliable data exchange.
- Reduced page load time and improved UI responsiveness by 30% through frontend optimization and cleaner component structure.

### Freelance Full Stack Developer | Remote | 2023 - Present

- Delivered custom full stack applications for local and international clients, including dashboards, booking systems, SaaS products, and business automation tools.
- Gathered requirements directly from clients, translated business needs into technical solutions, and shipped projects on deadline.
- Built modern web solutions using React, Next.js, Node.js, Express.js, MongoDB, PostgreSQL, and third-party API integrations.

## SELECTED PROJECTS

### Hospital Management System | Next.js, TypeScript, Prisma, MongoDB, Socket.io, OpenAI, MUI

- Built a full stack healthcare platform with appointment workflows, medical inventory management, and patient/doctor management modules.
- Integrated AI-powered chat and real-time doctor-patient interactions using Socket.io and OpenAI-based features.
- Implemented role-based access control and secure data flows for healthcare-oriented operations.

### DevConnect Social Platform | Next.js, React, Socket.io, Zustand, Gemini AI, Tailwind CSS, MongoDB

- Engineered a developer social network with fault-tolerant real-time messaging and AI-assisted user interactions.
- Worked with a hybrid deployment approach using modern cloud hosting for performance and reliability.
- Built responsive social features and real-time communication workflows optimized for user engagement.

## EDUCATION

### Intermediate in Computer Science (ICS) | Board of Karachi | 2023

Additional Training: MERN Stack Certification / Online Bootcamp (as reflected in portfolio)