

HAMMAD NAEEM

Full Stack Developer

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PROFESSIONAL SUMMARY

Full Stack Developer with 5+ years of experience building web, mobile and AI-powered products using TypeScript, React, Next.js, Node.js, NestJS and React Native. Strong background in REST API design, code review, system design and scalable SaaS platforms, with hands-on work integrating LLM chatbots, Voice AI and workflow automation.

TECHNICAL SKILLS

Languages: TypeScript, JavaScript, SQL

Frontend: React, Next.js, Tailwind CSS

Backend: Node.js, NestJS, REST APIs, TypeORM, BullMQ, Microservices

Mobile: React Native, Expo

Databases: PostgreSQL, Redis, Supabase

DevOps & Tools: Docker, Git, GitHub, GitLab, CI/CD, Vercel

AI: LLM integrations, AI chatbots, Voice AI, AI automation

WORK EXPERIENCE

Full Stack Developer

2025 – Present

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- Build and ship web applications end to end with Next.js, React and TypeScript.
- Design backend services and REST APIs with NestJS and Node.js, including database design and third-party integrations.
- Develop cross-platform mobile apps with React Native and Expo from a shared codebase.
- Integrate AI features into products, including LLM-powered assistants, chatbots and workflow automation.
- Own features from requirements through deployment, working closely with clients and the product team.

Senior Software Engineer

2022 – 2025

- Worked on large-scale enterprise applications serving high-traffic users.
- Performed structured code reviews and PR approvals, ensuring correctness, maintainability, and production readiness.
- Evaluated logical bugs, edge cases, and failure scenarios in backend and frontend code.
- Conducted API correctness validation, ensuring proper request/response handling and contract consistency.
- Performed performance and security reviews across services and microservices architecture.
- Applied test-case reasoning to verify feature completeness and reduce regression risks.
- Designed and optimized backend microservices and REST APIs.
- Improved system performance through caching strategies and database optimization.
- Collaborated with cross-functional teams including QA, DevOps, and product teams.
- Mentored junior developers and enforced clean coding standards across teams.

Junior Software Engineer

2021 – 2022

- Developed and maintained SaaS-based applications and enterprise platforms.
- Reviewed pull requests and improved code quality across frontend and backend systems.
- Built reusable UI components and scalable backend services.
- Participated in system design discussions and sprint planning.
- Worked in Agile teams with continuous integration and deployment pipelines.

PROJECTS

Automotive Virtual Showroom & AdTech Platform

Full Stack Developer

- Developed AI-powered virtual showroom system for automotive businesses.
- Built dynamic inventory-based advertising and automated lead generation workflows.
- Integrated chatbot, Voice AI, appointment booking, and customer engagement systems.
- Implemented marketing automation including retargeting and analytics tracking.
- Developed SEO and local search optimization tools for dealerships.
- Built scalable backend services and APIs for inventory and campaign management.

AI Code Review & Quality Automation Platform

Senior Software Engineer

- Designed and developed an automated code review system to analyze pull requests using static analysis and rule-based engines.
- Built backend services to process GitHub/GitLab PRs and generate structured code quality reports.
- Implemented automated detection for code smells, anti-patterns, performance issues, and security vulnerabilities.
- Integrated CI/CD pipeline hooks to trigger code review checks on every commit and pull request.
- Developed scoring system for code quality metrics (maintainability, complexity, duplication, readability).
- Worked on architecture for AI-assisted suggestions for improving code structure and best practices.
- Enhanced developer productivity by reducing manual review time and improving code consistency.

CRM & Sales Automation Platform

Software Developer

- Developed lead management and sales automation features for a cloud-based CRM platform.
- Integrated Facebook Lead Ads, WhatsApp, email, and telephony APIs for multi-channel communication.
- Built automated lead assignment, routing, and follow-up workflow systems.
- Designed real-time dashboards for sales tracking and performance analytics.
- Developed mobile-first CRM features for customer engagement and activity management.
- Optimized backend workflows for high-volume lead processing and notifications.

EDUCATION

Bachelor of Science in Computer Science

2016 – 2020

Minhaj University Lahore — Pakistan

ADDITIONAL INFORMATION

- 5+ years of professional software engineering experience
- Strong expertise in code review, debugging, and system design
- Experience building scalable SaaS and automation platforms
- Hands-on work with APIs, integrations, and distributed systems
- Languages: English (Intermediate)