

NAUMAN KHAN PATHAN

Senior Software Developer

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PROFILE SUMMARY

Senior Software Developer with **4+ years of experience** specializing in **Proficient in the MERN stack (MongoDB, Express.js, React, Node.js) and NestJs**. Proven track record in building high-concurrency systems, including **AI-driven SaaS platforms** and **Creator-focused tools**. Experienced in leading technical ownership of products from ideation to deployment.

TECHNICAL SKILLS AND CORE COMPETENCIES

- **Backend:** JavaScript (ES6+), TypeScript, Node.js, Express.js, NestJs, Microservices, RESTful API Design, GraphQL
- **Databases:** MongoDB (Aggregations, Security, Encryption), SQL (PostgreSQL/MySQL)
- **Frontend:** React.js, Next.js
- **Testing & Quality:** Mocha, Sinon, ESLint, Webpack, Babel
- **Tools & Process:** Git, Agile/Scrum, UI/UX Design, SEO Optimization
- **Core Engineering:** Data Structures, Algorithms, Authorization & Authentication (JWT, OAuth)

PROFESSIONAL EXPERIENCE

Bacancy Data Prophets (formerly Data Prophets) | Ahmedabad, India

Senior Software Engineer (MERN Stack)

Jan 2022 – Jan 2026

- Joined during early-stage startup phase and contributed across frontend, backend, and DevOps before company transition into a structured MNC environment.
- Architected modular backend services using **Node.js & NestJS**, ensuring high-concurrency support for enterprise-grade applications.
- Architected modular **MERN** applications emphasizing performance, security, and maintainability.
- Took ownership of **MongoDB** schema refinement and complex aggregations, significantly improving data retrieval speeds.
- Engineered advanced authentication and authorization mechanisms (JWT, OAuth), securing sensitive data.
- Conducted code reviews and implemented automated testing pipelines to improve

- code reliability.
- Applied API reverse engineering techniques to build lightweight, reliable data extraction workflows without heavy browser automation.

KEY PROJECTS

ChatBase – Custom AI Agent Platform

- Built a multi-tenant AI agent platform trained on documents, text, and web data.
- Implemented **Web Crawling Pipelines** and structured ingestion workflows.
- Designed RAG-based retrieval systems using vector embeddings for contextual AI responses.
- Enabled deployment across Telegram, WhatsApp, Shopify, and web applications via embeddable widgets.

Indite.io – No-Code AI Chatbot Builder

- Developed a real-time drag-and-drop chatbot builder for non-technical users.
- Implemented RBAC and subscription-based feature gating for SaaS monetization.
- Built real-time chat log monitoring and analytics dashboards.
- Integrated multiple third-party APIs to extend platform capabilities.

Benefits Boost – AI Disability Benefits Platform

- Led core platform development for an AI-driven system streamlining Social Security disability benefit applications.
- Built AI-powered form validation, voice-assisted accessibility features, and multi-user collaboration workflows.
- Ensured platform scalability and security for multi-user operations.

Snap Launch (AI Image Platform)

- Developed a full-stack platform for generating, managing, and trading AI prompts and images.
- Integrated **Razorpay** for secure multi-currency payments and automated transaction workflows.
- Built a comprehensive admin dashboard for user permissions and content moderation.

Hospital Management System

- Designed a web-based system with role-based permission management.

- Strengthened security through advanced authentication and authorization mechanisms.
- Reduced appointment cancellations through automated notification and reminder workflows.

EDUCATION

Bachelor of Engineering, Information Technology | 2018 -- 2022
Gujarat Technological University | Ahmedabad