

NAUMAN KHAN PATHAN

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PROFILE SUMMARY

Highly experienced **MERN Stack Developer** specializing in **React.js, Next.js, and Node.js**, with a focus on building scalable, high-performance web applications. Proven ability to deliver solutions that incorporate **AI/ML integration, multi-tenancy, and performance optimization**, significantly improving operational efficiency and user experience. Expertise in UI/UX development, RESTful APIs, and implementing robust state management (Redux Toolkit).

TECHNICAL SKILLS AND CORE COMPETENCIES

- Frontend Development:** Next.js (Primary), React.js, Redux Toolkit, Tailwind CSS, Material-UI, HTML5/CSS3.
- Backend Development:** Node.js (Primary), Express.js, tRPC, RESTful APIs, GraphQL, WebSockets.
- Databases & ORM:** MongoDB, PostgreSQL, Prisma ORM.
- DevOps & Cloud:** Docker, CI/CD Pipelines, Git, Jira.
- Core Concepts:** AI/LLM Integration, Multi-Tenancy, Performance Optimization, Security (JWT/OAuth), TDD (Jest/Cypress).

PROFESSIONAL EXPERIENCE

MERN Stack Developer

Bacancy Data Prophets

Feb 2024 - Present

Ahmedabad

- Engineered scalable and high-performance web applications, ensuring optimal **UI/UX experiences**.
- Optimized **MongoDB** database schemas, resulting in improved query execution times and data organization.
- Developed **reusable component libraries**, significantly reducing development redundancy and accelerating project timelines.
- Managed source control with Git/CI/CD, and improved system performance through code refactoring and efficient state management (Redux Toolkit).

Web Developer

Data Prophets

Jan 2022 - Jan 2024

Ahmedabad

- Designed and developed responsive web applications using the **React.js** ecosystem.
- Enhanced user experience by optimizing website speed and responsiveness (UX/UI).
- Integrated complex **third-party APIs** and managed dynamic content rendering.
- Implemented **SEO best practices** to improve website visibility and performance.

KEY PROJECTS (MULTI-TENANCY, IMPACT, AND AI INTEGRATION)

Morbot: Enterprise AI Bot Platform

LLM-powered Chatbot Platform

Next.js, Node.js, MongoDB

- Built a **multi-tenant** platform for deploying **LLM-powered chatbots**, enabling teams to create, train (via files, text, and web crawling), and deploy custom AI bots.
- Implemented **real-time chat with streaming responses** and optimized performance using **caching, indexing, and rate-limit management**.
- Secured system with team isolation and **Role-Based Access Control (RBAC)**.

Benefits Boost: AI Disability Benefits Platform

Core Platform Development

Next.js, Node.js, PostgreSQL, AI/ML

- Led core platform development. Reduced application processing time by **50%** (saving ~\$500 per application) via **AI-powered form validation** and a voice assistant.

Indite: AI Bot Builder

No-Code Collaborative Platform

Next.js, Node.js, WebSockets, tRPC, PostgreSQL

- Developed a real-time collaborative, no-code chatbot builder platform. Simplified creation for non-technical users using a drag-and-drop interface and **AI text/voice processing**.

Penalty Optimizer: Energy Optimization Tool

Predictive Analytics System

Node.js, Express.js, MongoDB, AI/ML

- Designed an AI-driven system for precise energy forecasting. Minimized government-imposed over/under-generation penalties for power plants using predictive analytics.

EDUCATION

BTech, Information Technology

Government Engineering College

2018 – 2022

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