

Mohit Trivedi

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PROFESSIONAL SUMMARY

Software Engineer with 3+ years of experience architecting and scaling **B2B** PropTech platforms. Proficient in Full Stack development using the **MERN** stack (**MongoDB, Express, React, Node.js**). Track record of building event-driven architectures, optimizing query performance by 18%, and engineering automated **CRM** solutions. Adept at translating complex business requirements into scalable software solutions.

WORK EXPERIENCE

BrickBix Technologies | Indore, India | **Software Engineer** | April 2022 – Present

Role: Developed and managed a PropTech platform tailored for real estate professionals.

Responsibilities:

- **Core Platform Development:** Architected and developed a PropTech marketplace from 0-to-1, scaling the system to support 315+ active agents and 400+ property listings.
- **Search Engine Optimization:** Engineered a custom search and ranking engine. Optimized search algorithms to reduce query time-to-match by 18% and improved search success rates by 25%.
- **Event-Driven Integration:** Implemented event-driven architecture using WebSockets for real-time data synchronization in the **CRM**.
- **User Activation & Performance:** Conducted full-stack friction analysis and code optimization on the onboarding flow, resulting in a 30% increase in user activation.
- **API Design:** API specifications to facilitate smooth integration between frontend and backend services.
- **Technical Content:** Authored technical documentation and content focused on full-stack development.

EDUCATION

Institute of Engineering & Science, Indore Bachelor's of Engineering, Electronics & Communication:

Courses: Electronics & Communication, Embedded Systems, Hardware Electronics Components, Wireless Transmissions & Programming

SKILLS

Languages & Frameworks: Python, JavaScript, React.js, Node.js, HTML5, CSS3, WebSockets, RESTful APIs, Express.js, MongoDB, Ollama, Langchain

Tools & Platforms: Git, GitHub, Docker, Postman, Netlify, Cloud Hosting, Vercel, Generative AI

Databases: PostgreSQL, MongoDB

Methodologies: Agile, Test-Driven Development (TDD), Continuous Integration/Deployment (CI/CD)

Other Skills: API Development, Full-Stack Web Development, System Architecture, Performance Optimization, MCP, LLM utilization

CERTIFICATIONS

- [McKinsey.org Forward Program](#)
- [JavaScript and Node.js](#)
- [Python](#)