

Imtiyaz Ali Khan

[Portfolio]

imtiyaj.codes@gmail.com / linkedin.com/in/imtiyaz-khan-92b917334 / github.com/ali-imtiyazkhan

SUMMARY

Backend-focused Full Stack Developer with strong expertise in building scalable web applications and RESTful APIs. **Proficient in Node.js, Express, and Databases like MongoDB and PostgreSQL.** Passionate about clean code, problem-solving, and continuous learning.

TECHNICAL SKILLS

- **Frontend:** React, Next.js, Tailwind CSS, HTML, CSS
- **Backend:** Node.js, Express.js, WebSocket, Hono, REST APIs
- **DevOps & Cloud:** Docker, CI/CD, Cloudflare Workers, Git & GitHub
- **Databases & Messaging:** PostgreSQL, MongoDB, MySQL, Prisma ORM, Redis, Kafka
- **Languages:** TypeScript, JavaScript, C++, Java, C, Python

PROJECTS :

Zapier Clone – Workflow Automation Platform---[GitHub]

Tech Stack: Node.js, Next.JS, TypeScript, Express, Kafka, Redis, PostgreSQL, Prisma, Docker, CI/CD

- Built a scalable automation platform supporting triggers and actions similar to Zapier.
- Implemented event-driven architecture using Kafka for reliable job processing and Redis for caching and queues.
- Designed secure REST APIs with JWT authentication and cookie-based sessions.
- Containerised services using Docker and automated builds using CI/CD pipelines.
- Optimised database queries and message throughput for high concurrency workloads.

Chess App – Real-time Multiplayer Game---[GitHub]

Tech Stack: React, WebSocket, Node.js, TypeScript, Redis, Docker, Git

- Developed a real-time multiplayer chess platform with live move synchronisation.
- Implemented matchmaking, room management, and persistent game state handling.
- Used WebSocket for low-latency communication between players.
- Leveraged Redis for session storage and fast game-state caching.
- Deployed using Docker with version control on GitHub.

Postboy – API Testing Tool (Postman Clone)---[GitHub]

Tech Stack: Next.JS, TypeScript, Node.js, Express, MongoDB, REST APIs, Docker

- Built a developer-focused API testing platform with a request builder and response visualisation.
- Implemented collections, environment variables, authentication headers, and request history.
- Enabled import/export of API configurations and JSON payload validation.
- Focused on performance optimisation, UX clarity, and reusable component architecture.
- Containerised backend services for easy deployment.

Excalidraw Clone – Interactive Drawing Board — [GitHub]

Tech Stack: Next.JS, WebSocket, Node.js, TypeScript, Redis, Docker, Git

- Developed an interactive drawing application inspired by Excalidraw for creating diagrams and sketches.
- Implemented freehand drawing, shape tools, undo/redo, canvas clear, and responsive resizing features.
- Optimised rendering performance and state management for smooth real-time interactions.
- Designed an intuitive UI with keyboard shortcuts and tool selection for better user experience.
- Enables users to visualise ideas, workflows, and technical diagrams quickly.

ACHIEVEMENTS

- Solved **300+ LeetCode problems**, strengthening data structures and algorithms skills. Consistently improved problem-solving speed and accuracy through daily coding practice.
- Strong foundation in **Data Structures & Algorithms, Computer Networks, DBMS, Operating Systems, and COA** with GATE-level problem-solving practice.

EDUCATION

Bachelor of Technology (CSE)
Government Engineering College, Ajmer

Aug 2023 – Jun 2027