

# Mohd Saqib

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## EDUCATION

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**Bharat Institute of Technology, Meerut — B.Tech, Computer Science And Engineering (2021–2025)**

CGPA: 7.9

## PROFILE SUMMARY

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Result-oriented **Full Stack Developer** with hands-on experience in designing, building, and deploying **scalable web applications** using the **MERN stack** (MongoDB, Express.js, React.js, Node.js) and tools like **Next.js, Prisma, PostgreSQL**, and Web-Sockets. Strong background in **real-time collaboration systems, backend optimization**, and **API development**. Passionate about clean code, performance tuning, and writing testable and maintainable systems. Proficient in both team-based and independent development with an eagerness to stay ahead of industry trends and continuously improve.

## WORK EXPERIENCE

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### Backend Developer – Kickr Technology

**Nov 2024 – Sept 2025 | Tools:** Node.js, MongoDB, Express, Web-Sockets, React.js, Next.js

- Developed and optimized REST APIs for a real-time multiplayer Ludo game supporting 500+ concurrent users.
- Built a Role-Based Access Control (RBAC) system for admin/player roles, preventing unauthorized access.
- Managed WebSocket server infrastructure for live gameplay, reducing latency by 30%.
- Integrated encryption/decryption logic to secure all data in transit.
- Collaborated with frontend and QA teams to ensure scalable feature delivery.

#### Projects at Kickr Technology:

- **Ludo Game Admin** – Developed frontend admin dashboard (React) and backend APIs for match management, user moderation, and WebSocket-based state synchronization.
- **Your Gynac** – Built a fully responsive landing page for a healthcare clinic with server-side rendering to improve SEO and performance.
- **8Ball Pool Backend** – Implemented multiplayer backend logic for matchmaking, leaderboard, and game state synchronization using Web-Sockets.
- **Candidate Test Platform** – Designed backend for dynamic test creation, evaluation logic, and user authentication with JWT.

### Full Stack Developer Intern – College Counsel

**June 2024 – Nov 2024 | Tools:** Next.js, Node.js, MongoDB, Express

- Contributed to the backend logic for **dynamic test management, result calculations, and authentication workflows** using JWT.
- Worked on server-side rendering and protected routing features, improving **page load performance by 35%**.
- Ensured **scalable and maintainable architecture**, reducing tech debt and enabling rapid iteration for upcoming features.

### Projects at College Counsel:

- **CRM Software Backend** – Created REST APIs for client management, authentication, and reporting modules.
- **Pharmalink Backend** (Job Posting Platform) – Developed APIs for job creation, applications, and candidate/job matching logic.

## PROJECTS

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### Notification System – ([link](#))

Tools: **Typescript, Redis, PostgreSQL, Web-Sockets.**

- Built a scalable real-time notification service using Redis pub/sub messaging.
- Persisted notifications in PostgreSQL with read/unread status tracking.
- Integrated Web-Sockets for instant delivery to connected clients.

### Document Editor – ([link](#))

Tools: **Next.js, API Integration, Web Sockets, Tailwind, Clerk, Liveblocks.**

- Developed a real-time collaborative document editor inspired by Google Docs.
- Enabled **multi-user editing**, live cursor sharing, and autosave using Liveblocks and Web-Sockets.
- Integrated **Clerk authentication** for secure session management and role-based document access.
- Achieved **zero data loss** with persistent version control and auto-recovery features.

### URL Shortener – ([link](#))

Tools: **Next.js, Node.js, Prisma, PostgreSQL, Tailwind, Prometheus, Docker**

Built a **high-performance URL shortener with analytics.**

- Added custom slug generation, link expiration, and click tracking, handling ~5k requests/week.
- Integrated Prometheus for metrics and observability, boosting debugging and uptime tracking by 60%.
- Containerized the app for easy deployment and horizontal scaling.

## ACADEMIC ACHEIVEMENTS

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- Scored **600/800** in Co-Cubes Aptitude & Reasoning Test.
- Solved **200+ DSA problems** on LeetCode & Coding Ninjas.

## SKILLS

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**Programming Languages:** JavaScript, TypeScript, HTML, CSS, SQL, C/C++

**Framework & Libraries:** Node.js, React.js, Next.js, Redux, Recoil.

**Tools & Technologies:** VS Code, Git, PostgreSQL, MongoDB, Docker.

**Soft Skills:** Problem Solving, Team Collaboration.

Portfolio: <https://elegant-portfolio-beta.vercel.app>