

# Rakibul Hasan

Full-Stack Software Developer

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LinkedIn | GitHub | Portfolio

## Summary

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Full-stack software developer with strong expertise in building scalable web applications using modern front-end and back-end technologies. Proficient in designing production-ready systems, implementing CI/CD pipelines, and automating deployments. Solid foundation in Data Structures and Algorithms (DSA) and competitive programming. Delivered multiple freelance and contract-based solutions, including job platforms, CRM systems, real-time communication applications, and lead generation tools.

## Technical Skills

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**Programming Languages:** JavaScript, TypeScript, C/C++

**Frontend Development:** React.js, Next.js, Firebase, Tailwind CSS, Shadcn UI

**Backend Development:** Node.js, Express.js, Next.js API Routes

**Databases & ORMs:** MongoDB, MySQL, PostgreSQL, Prisma, Drizzle ORM

**DevOps & Deployment:** Git, GitHub Actions, CI/CD Pipelines, Docker, Vercel

**CS Fundamentals:** Data Structures and Algorithms (DSA), Problem Solving

## Selected Projects

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### JobSetu

*Next.js, TypeScript, PostgreSQL, Drizzle ORM*

- Built a full-featured job marketplace inspired by FlexJobs with secure authentication, advanced job search, filtering, and employer management dashboards.
- Designed scalable REST APIs and optimized relational database queries using Drizzle ORM and PostgreSQL for high-performance data access.

### ZDoom

*MERN Stack, WebRTC, Socket.IO*

- Developed a real-time communication platform supporting instant messaging, voice calls, and video conferencing.
- Implemented peer-to-peer media streaming with WebRTC and event-driven signaling using Socket.IO, along with responsive cross-device interfaces.

### BritTrade

*Next.js, Typescript, Prisma*

- Created a professional trading and investment website with a modern responsive interface and SEO-optimized architecture.
- Improved search visibility and page performance through server-side rendering, metadata optimization, and efficient component design.

## LeadHunter

*MERN Stack, Next.js, Typescript*

- Engineered a lead generation and outreach platform with campaign management, prospect tracking, and workflow automation.
- Developed tools to streamline lead collection, organize outreach pipelines, and improve sales productivity.

## Freelance Experience

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### Independent Software Developer

Ongoing

- Delivered custom web applications and software solutions for international clients on Upwork and Fiverr.
- Managed the full software development lifecycle from requirements gathering to final deployment.
- Maintained code quality through unit testing, version control, and automated CI/CD workflows.

## Leadership Experience

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### Team Leader, NULL Pointer Programming Team

Ongoing

- Lead a competitive programming team focused on algorithmic problem solving and collaborative coding.
- Organize practice sessions and mentor team members in Data Structures and Algorithms (DSA).
- Promote technical excellence and continuous learning within the team environment.

## Education

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### Bachelor of Science (Honours) in Computer Science and Engineering (CSE)

Currently Pursuing

## Soft Skills

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Leadership, Team Collaboration, Communication, Client Management, Problem Solving, Analytical Thinking, Adaptability, Attention to Detail

## Additional Information

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- Strong understanding of software architecture, RESTful APIs, and scalable system design.
- Experience deploying applications on Vercel and implementing CI/CD pipelines with GitHub Actions.
- Active practitioner of competitive programming and algorithmic problem solving.