

MD. SHAFIQUUL HASAN

Software Engineer

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PROFILE

Computer Science Engineering graduate with 1+ years of software development experience. Enthusiast in Microservices, DevOps, Kubernetes, and Node.js. Proficient in C++, Java, and JavaScript with strong foundations in Data Structures and Algorithms. Passionate about clean code and effective technical communication.

EDUCATION

Chittagong University of Engineering and Technology	February 2020 - June 2025
BSc. in Computer Science and Engineering	Chittagong CGPA: 3.50/4.0
Uttara Residential School and College	Dhaka, Bangladesh
Higher Secondary Certificate	

PROFESSIONAL EXPERIENCE

Eagle 3D Streaming	May 2025 - Present
Junior System Engineer	Chittagong, Bangladesh
<ul style="list-style-type: none">Create and configure streaming machines for clients on AWS, GCP.Monitor system flow and ensure optimal performance of streaming infrastructure.Automate some manual System and Schedule it Daily based Demand	
Diligite LTD	August 2023 - September 2024
Software Engineer	Chittagong, Bangladesh
<ul style="list-style-type: none">Designed and developed Human Resource Management System (HRM) with scalable architectureBuilt SaaS Property Management System implementing database optimization techniquesCollaborated with cross-functional teams using Git for version control and CI/CD workflows	





TECHNICAL SKILLS

Programming Languages: C++, Java, C, JavaScript	Version Control: Git, GitHub, Collaborative Development
Backend Development: Node.js, Express.js, Spring Boot	Core Concepts: Data Structures & Algorithms, OOP
Database & SQL: PostgreSQL, MySQL, MongoDB	DevOps & Deployment: Docker, Kubernetes, CI/CD
System Design: Microservices, Scalable Architecture	Cloud Platforms: AWS (EC2, S3), Production Deployment


COMPETITIVE PROGRAMMING & PROBLEM SOLVING

- Platforms:** Active on LeetCode, HackerRank, and multiple coding platforms
- Achievement:** Solved **1500+** algorithmic problems, participated in **150+** programming contests demonstrating strong problem-solving skills
- Contest Participation:** ICPC Asia Dhaka Regional Online Preliminary (2023, 2024), CUET Inter University Programming Contest CodeStorm 1.0 (2024)
- Demonstrates ability to **think algorithmically** and solve complex technical challenges under pressure

SOFTWARE DEVELOPMENT PROJECTS

- Attach-Net  Spring Boot, PostgreSQL, System Design
Enterprise attachment group management system with clean architecture and efficient database design
- Collaborative ToDo App  Full-stack: Next.js, Nest.js, MongoDB
Real-time collaborative task management system with scalable backend architecture and responsive frontend
- Let's Meet  Next.js, WebRTC, Firebase, Socket Programming
Video conferencing web application implementing WebRTC protocols and real-time communication
- DevOpsWith-ME  Content focuses on clean code, deployment strategies
Technical blog documenting software development best practices and system design patterns

LEADERSHIP & COLLABORATION

-  **President of CUET Computer Club**
Led technical initiatives including hackathons and programming workshops. Demonstrated ability to **communicate technical concepts effectively** and mentor junior developers in competitive programming and software development best practices.



Vice Chair & Founding Member of IEEE Computer Society (CUET Branch)

Organized technical events and workshops, fostering collaborative learning environment. Promoted knowledge sharing and continuous learning within the tech community.