

MOSTOFA MEEM



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mostofameem

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Mostofa Meem

CAREER OBJECTIVE

A motivated and detail-oriented Associate Software Engineer with hands-on experience in backend development, particularly using Go and microservices architecture. I am passionate about designing and building scalable, efficient, and maintainable systems that solve real-world problems. With a strong foundation in service-to-service communication using gRPC and RabbitMQ, and practical exposure to cloud platforms like AWS, I aim to contribute to impactful projects while continuously improving my technical expertise.

EDUCATION

2025 - Present **Mawlana Bhashani Science and Technology University**
M.Engg in CSE

2/2019 - 8/2024 **Mawlana Bhashani Science and Technology University**
BSc(Engg.) in CSE CGPA: **3.49/4.00**

5/2015 - 6/2017 **Rangpur Govt. College**
HSC(Science) GPA: **4.42/5.00**

EXPERIENCE

04/2025 - Present **Associate Software Engineer** **Exabyting**

- Designed an event management system to streamline event creation, registration, and tracking.
- Database schema design and implemented core backend logic for event-related workflows.
- Developed a role-based access control (RBAC) system to manage user permissions across the platform.
- Optimize API response and improve performance.

Technologies: Go, Docker, MySQL

03/2024 - 04/2025 **Junior Software Engineer | Foodi | TN-MAP** **TechnoNext Software Ltd**

- Designed and implemented a Sync Service to synchronize data across multiple databases within the OpenStreetMap ecosystem.
- Integrated RabbitMQ to notify other services upon database updates, ensuring real-time data consistency.
- Developed custom APIs in Go for seamless communication with various OpenStreetMap services.
- Worked extensively with mapping technologies, including tile engines, OSRM (Open Source Routing Machine), and OSM.
- Developed gRPC-based functionality to support rider-sharing features in the Foodi platform.

Technologies: Go, Microservices, Docker, gRPC, RabbitMQ, Unit Testing, ElasticSearch (APM), Grafana

SKILLS

- Languages:** Go, Python, SQL, C/C++
- Databases:** PostgreSQL, MySQL, MongoDB, Redis
- Message Brokers:** RabbitMQ
- DevOps & Tools:** Git, GitHub, GitLab, Aws, Docker,
- Monitoring:** Grafana, ElasticSearch (APM), Swagger, Postman
- Others:** OpenStreetMap, Microservices, Unit Testing, Domain-Driven Design, Clean Architecture, CI/CD

PROBLEM SOLVING

- Codeforces **Handle:** [Mostofa_Meem](#) **Max-Rating: 1399**
- Uva **Handle:** [Mostofa.Meem](#)
- LeetCode **Handle:** [Mostofameem](#) **Max Streak: 382 days**

Solved over 2500 problems and participated in more than 250 online and onsite contests.

ACHIEVEMENTS

- | | |
|---|-------------------------|
| • 200'th position ICPC Asia Dhaka Regional Contest 2024 | "Dead_Poets_Society" |
| • 80'th position in NCPC JU 2023 | "Checkmate" |
| • 9'th position in BREAKING CODE (IUPC) 2022 | "Akash_theke_pora_team" |
| • 2998'th (Round 2) in Meta Hacker Cup 2023 | "Mostofa Meem" |

PROJECTS

Trip To BD Link

Trip To BD is an all-in-one travel solution designed to help users explore tourist destinations across Bangladesh. It provides detailed information about nearby hotels, restaurants, and vehicles in a single platform. Additionally, users can plan trips and manage overall costs efficiently, making travel planning seamless and organized.

- Designed a microservices architecture to manage place-specific data such as hotels, vehicles, restaurants, and attractions.
- Refactored monolithic codebase into modular services to enhance scalability, maintainability, and deployment flexibility.
- Implemented efficient service-to-service communication using gRPC and RabbitMQ.
- Designed and optimized the database schema to support distributed data access and storage.
- Set up a CI/CD pipeline to streamline development, testing, and deployment workflows.
- Deployed and managed services on AWS using EC2 instances for cloud scalability and reliability.

Technologies: Go, Microservices, Docker, gRPC, RabbitMQ, AWS (EC2), CI/CD