

# MD. ANWARUL ISLAM

## Principal Software Engineer

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### Professional Summary

**Senior Backend Developer** with 13+ years of expertise in .NET Core, Java Spring Boot, and backend system architecture. Recently expanded into **Data Engineering** with modern tools including dbt, Snowflake, Apache Airflow, and AWS cloud services. Deep experience with both **MongoDB (6+ years)** for NoSQL solutions and **RDBMS (PostgreSQL, SQL Server, MySQL)** throughout career for relational database design and optimization. Strong expertise in **GraphQL** for efficient API development. Proven track record of building scalable microservices handling 10M+ transactions and implementing robust fintech data platforms.

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### TECHNICAL SKILLS

**Programming Languages:** C# (10+ years), Java (3+ years), Go (2+ years), SQL, Python  
**Backend Development:** .NET Core, Spring Boot, GraphQL, Microservices, Event Sourcing, CQRS

**Data Engineering:** dbt, Snowflake, Apache Airflow, Fivetran, AWS S3, AWS Glue, Collibra

**Databases:** PostgreSQL, SQL Server, MySQL, MongoDB, Redis

**Cloud & Tools:** AWS, Docker, RabbitMQ, Git, CI/CD

**APIs:** RESTful APIs, GraphQL, JWT Authentication

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### PROFESSIONAL EXPERIENCE

#### Senior Software Engineer - Data Engineering | Qofinnovation (*Contract*)

September 2025 – Present

- Maintain and extend enterprise call center analytics platform using **dbt models and ETL processes**
- Develop reporting features and dashboards improving operational insights by **25%**
- Create data models for advanced call center performance analytics and KPIs

## [Principal Software Engineer - Data Engineering | RiverTel](#)

### **April 2025 – August 2025**

- Built scalable microservices handling **10M+ API calls daily** with 99.9% uptime
- Led fintech data platform using **dbt, Snowflake, Airflow, AWS S3 + Glue**
- Processed **1TB+ daily transaction data** with automated quality checks (99.5% accuracy)
- Managed team of **8 engineers**, improving delivery speed by **40%**
- Optimized Snowflake setup, cutting costs by **35%** while making queries **50% faster**

## [Head of Engineering | Wind \(Acquired by River.App\)](#)

### **March 2024 – March 2025**

- Managed team of **12 developers** across backend, frontend, and QA
- Built backend services processing **\$25M+ monthly transactions**
- Led technical acquisition with **zero downtime**, improved reliability from 95% to **99.5%**

## [Senior Software Engineer \(Microservices Architect\) | Redlime Solutions](#)

### **October 2022 – February 2024**

- Led backend team of **6 engineers** in microservices architecture implementation
- Built event-driven systems using **.NET Core, MongoDB, RabbitMQ, Redis**
- Implemented **GraphQL APIs** and **Event Sourcing pattern** achieving **100% data consistency**
- Reduced development cycle time by **30%** with automated testing covering **85%+ code**

## [Senior Software Engineer & Team Lead | Expli Oy \(Finland\) \(Part-Time\)](#)

### **November 2021 – January 2023**

- Led distributed team of **4 backend developers** across time zones
- Delivered **3 production services** for Nordic market using **.NET Core, GraphQL**
- Improved code quality metrics by **50%** through development best practices

## [Senior Software Engineer & Backend Team Lead | SELISE rockin' software](#)

### **October 2019 – September 2022**

- Led backend development for ITSM department managing **8 developers**
- Built **IGB2B insurance platform** for Swiss companies using **serverless architecture with AWS NoSQL**
- Developed microservices ecosystem with **.NET Core and MongoDB** serving enterprise clients
- Delivered platforms improving workflow efficiency by **60%** and reducing processing time by **40%**

**Previous Backend Leadership Roles | Arbree & Solution Art Ltd.**

### **December 2012 – September 2019**

- **6+ years** leading backend teams building enterprise applications
  - Developed systems using **Go, .NET Core, MySQL** serving manufacturing and HR domains
  - Managed **1M+ documents** with efficient search, improved performance by **45-70%**
  - Mentored **25+ junior developers** with **80% team retention rate**
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### **EDUCATION**

#### **Master of Science in Computer Science & Engineering**

Mawlana Bhashani Science & Technology University, Tangail | 2015 – 2017

#### **Bachelor of Science in Computer Science & Engineering**

Mawlana Bhashani Science & Technology University, Tangail | 2006 – 2011

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### **ADDITIONAL INFORMATION**

**Languages:** English (Professional), Bengali (Native)

**Leadership:** Mentored **25+ junior developers** throughout career

**Industry Focus:** Fintech, Insurance, Enterprise Software, **Backend Systems & Data Engineering**

**Available:** Immediate start for the right opportunity