

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.

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

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*

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