Nasif Ishtiaque Islam

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Senior Software Engineer I | .NET · Azure · Distributed Systems

SUMMARY

Senior Software Engineer I with 4+ years of experience designing and delivering enterprise .NET systems, including a multi-tenant risk analytics and regulatory reporting platform for institutional asset managers. Architected a 150+ endpoint REST API, real-time processing with SignalR and Hangfire, and Redis caching layers. Microsoft-certified in Azure AI and Fabric data engineering, and GitHub-certified in GitHub Actions. Seeking a backend or platform role building reliable, data-intensive systems on .NET and Azure.

PROFESSIONAL EXPERIENCE

Senior Software Engineer I Oct 2026 – Present

Brain Station 23

- Developed risk analytics including VaR modeling, liquidity stress testing, and real-time portfolio monitoring across 243 domain entities
- Implemented automated regulatory reporting for PRIIPS, AIFM, SFDR, UCITS, and MiFID II
- Built real-time bulk processing with SignalR WebSockets and background jobs using Hangfire with Redis

Software Engineer II Jul 2024 – Sep 2026

Brain Station 23

- Architected RESTful API with 40+ controllers and 150+ endpoints; custom JWT authentication with permission-based authorization
- Designed multi-tenant architecture with SAML 2.0 SSO and RBAC; Redis caching layer for optimized performance

Associate Software Engineer (IC1B) Jul 2023 – Jun 2024

Brain Station 23

- Developed and maintained web applications using ASP.NET and Entity Framework
- Collaborated with cross-functional teams to design, develop, and deploy software solutions
- Enhanced system performance, reducing load times
- Troubleshooted and resolved critical production issues to maintain system uptime
- Wrote and maintained APIs, improving data access and manipulation

Associate Software Engineer (IC1A) Oct 2022 – Jun 2023

Brain Station 23

- Assisted in the design and implementation of new features for web applications
- Optimized database queries

Trainee Software Engineer Jan 2022 – Sep 2022

Brain Station 23

- Participated in the full software development lifecycle, from requirements gathering to deployment
- Developed modules and components using ASP.NET and Entity Framework
- Resolved bugs and issues, contributing to a more stable software release

Language Consultant (Bengali) — Contract Jun 2021

what3words

- Provided language consultancy services for the Bengali language
- Assisted in the localization and translation of software content to ensure cultural and linguistic accuracy

TECHNICAL SKILLS

Languages: C#, SQL, TypeScript, JavaScript, Python

Backend: .NET 8, ASP.NET Core (Web API, MVC), Clean Architecture, Entity Framework Core, Dapper, MediatR, SignalR, Hangfire

Data: SQL Server (query optimization, indexing, transactions), PostgreSQL, MySQL, Redis, Microsoft Fabric

Cloud & DevOps: Microsoft Azure (App Services, Functions, Storage, AI Services), GitHub Actions, Azure DevOps, Application Insights, Serilog

Security: JWT, ASP.NET Identity, SAML 2.0 SSO, RBAC and permission-based authorization

Frontend: Angular, JavaScript (ES6+)

Testing: xUnit, NUnit, Moq (unit and integration testing)

SELECTED PROJECTS

caching-in-clean-architecture Open source

github.com/oii-nasif/Caching-in-Clean-Architecture-DotNet

- Cache contract in the application layer, Redis/in-memory implementations in infrastructure
- Consumed via a MediatR pipeline behavior with a marker-interface opt-in

anti-cancer-peptides Open source · ML

github.com/oii-nasif/Predicting-Anti-Cancer-Peptides

- Data preprocessing and feature engineering on peptide sequences
- Model training and evaluation for anti-cancer activity prediction

EDUCATION

United International University Jan 2017 – Jul 2021

Bachelor of Science, Computer Science & Engineering

- Received Merit-Based Scholarship 3 times
- Champion, ICT Olympiad (UIU CSE FEST 2017)
- Participated in several programming contests

CERTIFICATIONS

- GitHub Certified: GitHub Actions (GH-200), GitHub, Sep 2026
- 5-Day AI Agents: Intensive Vibe Coding Course (with Google), Kaggle, Jul 2026
- Microsoft Certified: Fabric Data Engineer Associate (DP-700), Microsoft, May 2026
- Microsoft Certified: Azure AI Engineer Associate (AI-102), Microsoft, Jun 2024
- Microsoft Certified: Azure AI Fundamentals (AI-900), Microsoft, Dec 2023
- Microsoft Certified: Azure Fundamentals (AZ-900), Microsoft, May 2023
- Microsoft Certified: Azure Data Fundamentals (DP-900), Microsoft, Oct 2022

HONORS AND LEADERSHIP

- Honorable Mention, ICPC Asia Dhaka Regional Site Online Preliminary Contest (2018, 2020)
- Champion, ICT Olympiad, UIU CSE FEST 2017
- Merit-Based Scholarship (3 times), United International University
- Mentor (.NET), Geeky Solutions
- President, UIU Science Forum (2019 – 2021)