

Reajul Haque Reayz

✉ reayz77@gmail.com ☎ (+880)1738081339  Reajul Haque Reayz  Reajul Haque Reayz 📍 Dhaka, Bangladesh

PROFESSIONAL EXPERIENCE

Senior Software Engineer, Enosis Solutions 

Oct 2020 – present | Dhaka, Bangladesh

AIS Vessel Tracking and Fleet Management Platform

- Designed and implemented scalable cloud-native applications for **real-time geospatial data** visualization, reporting, and operational workflows within the maritime domain.
- Processed and optimized large-scale AIS vessel tracking datasets (**350M+ rows**) in PostgreSQL/PostGIS, significantly improving geospatial query performance and enabling smooth map rendering with **Google Maps** and **OpenLayers Maps** integrations.
- Redesigned and optimized response streaming architecture to efficiently transmit large datasets in incremental chunks, significantly improving system responsiveness and achieving a **95% user satisfaction rate**.
- Applied advanced caching strategies, background processing, and concurrency patterns (**multithreading, concurrent dictionaries**) to reduce query latency **by 25%**.
- Containerized applications using **Docker** and implemented CI/CD pipelines in **GitLab/Azure DevOps** to automate deployment and testing.
- Built **multi-tenant SaaS** solutions leveraging ASP.NET Core, Web Forms, and Web API frameworks, ensuring scalability, maintainability, and security.
- Collaborated with distributed **Agile** teams, participating in sprint planning, daily stand-ups with the offshore team, and code reviews to deliver features on time.
- Gained hands-on experience with cloud platforms and services, including **Azure** VMs, Blob Storage, AWS S3, and Azure DevOps pipelines.

Software Engineer, Enosis Solutions

Sep 2018 – Sep 2020 | Dhaka, Bangladesh

Incident Reporting and Risk Management Platform

- Developed full-stack web applications using **ASP.NET Web Forms, MVC, and Entity Framework**, delivering core features for authentication, access control, incident reporting, and risk management.
- Implemented **localization** and **multi-timezone support** to improve usability across distributed teams and global user bases.
- Resolved critical production issues, enhancing system stability and reducing incident response times.
- Participated in requirements analysis, technical design, and task estimation within Agile teams.
- Improved code maintainability and readability by applying **modular design, SOLID principles**, and reusable components.

PERSONAL PROJECTS

Friends Book 

- Designed and implemented a containerized **Microservices** platform with modular services for different features.
- Implemented asynchronous communication between services using **RabbitMQ**, and established centralized logging and monitoring using **Prometheus, Grafana, and Serilog**.
- Tech Stack:** Microservices, .NET Core 7, EF Core 7, SQL Server 2022, Docker, RabbitMQ, YARP, Serilog, Prometheus, Grafana

Tourist Place App 

- Designed and implemented a three-tier application with **ReactJS** frontend (**class components, Redux, React Router**), **ASP.NET Core 6** API backend, and **gRPC** service for efficient data access.
- Tech Stack:** .NET Core API, gRPC, EF Core, SQL Server, Protocol Buffers, ReactJS

Issue Tracker 

- Designed and implemented a Jira-like issue tracking application with **multi-tenant architecture**, role-based claims authorization, and secure input handling (**XSS protection**).
- Applied **Onion Architecture** to ensure clean separation of concerns and maintainable code structure.
- Tech Stack:** .NET Core 6, EF Core, MS SQL Server, purify.js, toastr.js

TECHNICAL SKILLS

- Development:** ASP.NET (Core and Classic), MVC, Web API, Web Forms, ADO.NET, gRPC, RESTful APIs, Entity Framework, Dapper, HTML, CSS, JavaScript (ReactJS, AngularJS, jQuery, Kendo UI)
- Database:** PostgreSQL, PostGIS, SQL Server, MySQL
- Tools & Utilities:** Visual Studio, VS Code, SSMS, DBeaver, Postman, SQL Server Profiler, Docker, Chrome DevTools, Lighthouse
- Version Control & DevOps:** Git, TFS, Azure DevOps, GitHub, Bitbucket, GitLab
- Project Management:** Jira, Confluence, SonarQube, TestRail

EDUCATION & ACHIEVEMENTS

B.Sc in Computer Science & Engineering, Comilla University

- CGPA:** 3.56 out of 4.0
- Research Publication:** GUI Control with Head Gesture 
- Codeforces Profile:** Reayz(Highest rating 1716) 
- SUST IUPC 2017:** **14th Place**
- ACM ICPC Dhaka Regional 2017:** **30th Place**
- NCPC 2016:** **37th Place**