









# Rashedul Alam

Full Stack Software Developer

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## Technical Skills

**Language:** C#, JavaScript, TypeScript, Python, Java

**Web Tech:** HTML, CSS3, SCSS, LESS, Bootstrap, TailwindCSS

**Frameworks:** .NET Framework, .NET, ASP.NET Core, .NET6, Angular, React, FastAPI, Django, NextJs

**Database:** SQLite, MS SQL Server, PostgreSQL, MongoDB, Redis, SQL

**ORM:** Entity Framework, EF Core, Dapper, Mongo C# Driver etc.

**DevOps:** Docker, Kubernetes, CI/CD, gitlab-ci

**Cloud:** Azure- App Service, Container apps, Storage Account, Key Vault, Database, Container Registry, AWS- EKS, S3, SES, Secret Manager, Batch etc.

**Version Control:** Git, Mercurial

## Professional Profile

Experienced software Developer with over 6 years of know-how, specializing in C# and .NET. Skilled at creating strong solutions using Angular and React for front-end work. Also knowledgeable in AWS cloud technologies, Python, TypeScript, and JavaScript. I'm good at writing quality code, meeting project deadlines, and working well in teams. I enjoy staying updated with new tech trends. Excited to use my skills in C# and .NET, along with expertise in front-end and other technologies, to make projects successful.

## Work History

### Project Worker(Part-time)

Åbo Akademi University. | Jun 2024 – Aug 2024

- Carryout the tasks assigned by the supervisor
- Analyze the vibration signals from ship engine data, perform preprocessing, visualization and noise cleaning.
- Find efficient way of predictive maintenance of engine dumpers

### Senior Software Engineer

Nifty Coders Ltd. | Dec 2021 – Nov 2023

- Led diverse teams for client ensuring timely software development with a focus on authentication, authorization, mobile and portal services ensuring development best practice code quality, Unit and BDD testing, design pattern
- Actively participated in meetings, reviews, client team and junior team member's training sessions to contribute to project success and team development
- Worked closely with other teams and third party on shared software components for better collaboration, integrations, maintaining adherence to established APIs
- Contributed to varied projects, including building portals using CMS for a different client

### Software Engineer

Streams Tech Ltd. | Jun 2017 – Nov 2021

- Developed and maintained authentication, authorization services, mobile app and portals using Identity Server 4, OIDC client, ASP.NET Core, and Angular
- Created cross-platform mobile applications with Cordova and Xamarin, integrated two products into one larger product, and proactively addressed system defects, mitigating risks. Supported team members, upheld client communication, and ensured timely project delivery

**Testing Tools:** TDD, BDD, NUnit, Specflow, Jasmine, Karma, Jest, Cypress, Unit Testing, Integration Testing, API Testing, Robot Framework, Contract Testing

**AI/ML:** Pandas, NumPy, Matplotlib, Tensorflow2. +, scikit-learn, Deep Learning

## Soft Skills

- Analytical, Problem solving
- Time management, Adaptability, Teamwork
- Open-Mindedness, Self-motivated and awareness

## Certifications

- [AZ-204 Developing Solutions for Microsoft Azure - OCT 2023 by Udemy](#)
- [MATLAB Onramp](#)
- [Signal Processing Onramp](#)

## Language skills

- Finnish – Beginner
- English – Fluent
- Bengali – Native

## References

### Sheikh Bin Enam

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### Rezwanul Huda

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Phone: +8801729264389

- Worked on different types of projects like GIS solution, monitoring and evaluation system development and maintenance

### Intern Software Engineer

**Streams Tech Ltd. | Jan 2016 – Jun 2016**

- Developed new features and maintained in-house software showcase products, ensuring their continued functionality
- Conducted a successful migration of a C# Desktop application to the latest version with Dev Express Controls. Additionally, utilized Axure for software prototyping and created customized charts using c3js and d3js

## Education

### Masters in Information Technology (Major in Computer Science)

**Åbo Akademi University | 2023 – Present**

### Bachelor of Science in Software Engineering (3.56/4.00)

**University of Dhaka | 2013 - 2016**

## Professional and Study Projects

**Power Watch, Åbo Akademi University(Project Course):** A real-time power consumption monitoring system of one household. At present time, there is no cheap real-time power consumption monitoring system on the market. Electricity companies provide usage data monthly or daily and data frequency is poor. This product will solve this problem by providing real-time power usage on a web app.

- Development and design of backend system using SQLite and FastAPI
- Prepare product documentation and presentation for stakeholders
- Assist front end teams for integration and deployment on Raspberry Pi

**IQVIA Orchestrated Analytics:** A platform that provides analytical dashboard from an ETL process. The system can load data from various sources (SQL Server, Snowflake etc.).

- Development and maintenance of mobile cross platform application
- Senior developer promoted to lead developer of core services like authentication, authorization, portal, marketplace for the product
- Participated on Code review, designing features based on customer requirement, mentoring junior members. Moreover, documented architecture designs, maintained cross team communication, Knowledge sharing etc.

**World Bank GeoDASH and JICA NSDI:** Platform for storing their GIS data as well as sharing information. Features: Create custom and stylish maps using single or multiple layers, Integrated Map Tools etc. [Read More.](#)