

Zunayed Shahriar

Senior Software Engineer

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Skills

Language	C# • TypeScript • JavaScript • C++ • Java
Framework	.NET • .NET Framework • .NET MVC • EF Core • Angular
Database	MSSQL • MySQL • MongoDB • SQLite
Testing	Karma & Jasmine • Jest • xUnit
Miscellaneous	Redis • RabbitMQ • SignalR • Git • Azure DevOps • Jira
Soft Skills	Leadership • Teamwork • Accountability • Problem-solving • Flexibility

Work Experience

Jabil Inc. (Payroll – MPower Technology Solutions)
Senior Software Engineer, Technical Advisor

Penang, Malaysia (Remote)
May 2022 – Present

- Responsibilities:
 - Collaborating with a team to enhance existing Electronics Manufacturing System using Angular 15, .NET Core 6, SQL Server 2018, SignalR, NServiceBus, RabbitMQ, and Redis. Also enhanced the legacy system using AngularJS, .NET Framework 4.5, and .NET Core 3.1.
 - Overseeing the development team, working closely with the team lead to review system architecture and code quality.
- Key Achievements:
 - Resolved performance issues for numerous slow-performing API endpoints, reducing the average maximum response time from 700ms to 200ms.
 - Improved the performance of 50% of the slow SQL Server queries and resolved snapshot isolation transaction problems across all microservices.
 - Rewrote and restructured 60% of the spaghetti code to enhance code reusability and maintainability.

WCG Clinical Services (Payroll – Relisource)
Software Engineer

New Jersey, United States (Remote)
Jun 2021 – Apr 2022

- Responsibilities:
 - Collaborated with a team to enhance the existing Clinical Outcome Assessment System using Angular 9, .NET Core 3.1, SQL Server 2018, Xamarin Forms, Azure Blob Storage, Azure Table Storage, and AWS S3 Storage. Also enhanced the legacy system using AngularJS, .NET Framework 4.5, and Windows Forms.
 - Created an Angular Library based on a JavaScript Library for scheduling Clinical Trial workflow by connecting nodes. Also enhanced the base library to support programmatic node creation, deletion, and cloning besides default drag and drop. The new library could be consumed in any Angular project and could render any Angular components as nodes.
 - Captured client business requirements and conducted demo sessions in the absence of the Team Lead.
- Key Achievements:
 - Guided and mentored a small group of novice software engineers for a brief duration and successfully developed 60% of the Angular library within the designated timeline under heavy work pressure.

Softech Limited
Software Developer

Dhaka, Bangladesh (Remote)
Feb 2020 – Jun 2021

- Collaborated with a team to develop B-Trac Partner Portal, a Sales Tracking System with Partner Management using Angular 8, .NET Core 3.1, Entity Framework Core Code First, and SQL Server 2018.

- Developed Red Express, a Sales Order Management System using Angular 8, .NET Core 3.1, Entity Framework Core Code First, and SQL Server 2018 alongside a teammate.
- Designed system architecture for all the projects alongside a teammate.

Computer Ease Limited

Programmer Analyst

Dhaka, Bangladesh
Jan 2017 – Feb 2020

- Responsibilities:
 - Developed Robi Retailer Registration Portal from scratch with Angular 7, .NET Core 2.1, and SQL Server 2014.
 - Developed Robi Distributor Registration Portal from scratch with ASP.NET MVC 5 and a SQL Server 2014 alongside a teammate.
 - Collaborated with a team to enhance the existing Robi Sales Tracking System using Silverlight 5, WCF Services, .NET Framework 4.5, and SQL Server 2014.
 - Collaborated in the development process of the Robi Distributor App for Android using Xamarin Forms.
 - Captured client business requirements and conducted user acceptance test sessions at the client's end.
 - Mentored junior developers.
- Key Achievements:
 - Increased reporting performance by 40% by optimizing large T-SQL queries.
 - Increased the performance of a crucial system process by 60% by optimizing algorithms and rewriting SQL queries.

Grameen Communications

Intern

Dhaka, Bangladesh
Feb 2016 – Dec 2016

- Collaborated with a team to develop the Nobin Udyokta Project Management System (NUPMS) using ASP.NET MVC 5, Entity Framework 6, ASP.NET Identity, SQL Server 2012, Crystal Reports, jQuery, and JavaScript.
- Developed a core module of NUPMS that auto-generates data-driven PowerPoint presentations.
- Developed gNUM, the daily data-entry app for NUPMS for Android using Java, Windows Mobile using Windows Phone (C#), and Java Mobile platforms using Java MIDP.

Education

Southeast University

Bachelor in Computer Science and Engineering

Dhaka, Bangladesh
Jan 2012 – Dec 2016

- Represented the University in 6 National Onsite Programming Contests including ACM ICPC 2016 Asia Regional Dhaka Site.
- Became Champion in Southeast University Intra Individual Programming Contest in Fall 2015.
- Trained Beginner-level programming contestants for one year.
- Organized Southeast University Division 2 Programming Contest Championship alongside Southeast University Programming Contest Arena Members in 2016.
- Published journal on the topic of University Timetable Generator Using Tabu Search in the Journal of Computer and Communications, Vol.4 No.16, December 2017.

Online Profiles

GitHub	https://github.com/zunayeds
Stack Overflow	https://stackoverflow.com/users/4571040/zunayed-shahriar
UVa	https://uhunt.onlinejudge.org/id/186859
LeetCode	https://leetcode.com/zunayeds
HackerRank	https://www.hackerrank.com/zunayeds
beecrowd	https://judge.beecrowd.com/en/users/statistics/46614