




# Rizve Rahman Reza

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## Technical Skills

Programming Languages	C#, Python, C++, SQL
Backend Technologies	.NET Core, .NET Framework, MVC, RESTful APIs, SignalR, RabbitMQ
Frontend Technologies	Angular, HTML5, CSS3, TypeScript, Tailwind CSS, Bootstrap
Machine Learning & AI	Ollama, NumPy, Pandas, OpenCV
Databases	SQL Server, PostgreSQL(Basic)
Specialized Skills	Data Structures & Algorithms, Competitive Programming

## Professional Experience

Software Engineer & Technical Trainer, Object Canvas Technology, Dhaka Jan 2024 – Present

- Developed 3 solo full-stack projects and contributed to 10+ company projects, using .NET Core API and Angular to deliver scalable and responsive applications, while optimizing large-scale database queries to improve performance.
- Also worked with the DotNet Framework MVC project with RDLC report.
- Mentored and trained 30+ junior developers in .NET technologies,

Machine Learning Engineer Intern, Head Blocks, Kawran Bazar, Dhaka Aug 2023 – Dec 2023

- Developed an OCR application for number plate recognition using Python and computer vision libraries, achieving high accuracy on real-world data, and processed 7,000+ images with NumPy, Pandas, and scikit-learn for data preprocessing and feature extraction.

.NET Developer Intern, Object Canvas Technology, Dhaka May 2023 – Aug 2023

- Developed web applications and collaborated on client projects using the .NET Framework and ASP.NET MVC, gaining hands-on experience in enterprise development patterns with comprehensive database integration solutions, and learned industry best practices for clean code, testing, and technical documentation.

## Standout Projects

### Enterprise Microservices E-Commerce Platform - running

- Architected a comprehensive e-commerce solution using ASP.NET Core microservices, Docker, and Kubernetes, implementing fault tolerance with Polly's circuit breakers and retry policies for 99.9% system availability, integrating RabbitMQ messaging and Redis caching to improve response time by 70%, and building automated CI/CD pipelines with Azure DevOps for seamless multi-environment deployments
- Technologies: ASP.NET Core, Docker, Kubernetes, RabbitMQ, Redis, Azure DevOps, Clean Architecture

### Real-Time Collaborative Task Management Platform

- Developed a full-stack real-time collaborative application using ASP.NET Core, SignalR, and Angular, implementing role-based access control and JWT authentication for enterprise-grade security, designing a responsive UI with Tailwind CSS to achieve 98% user satisfaction in beta testing, and optimizing database queries with caching strategies to reduce page load time by 50%
- Technologies: ASP.NET Core, SignalR, Angular, Entity Framework, SQL Server, JWT, Tailwind CSS

### Hospital Management System

- Developed a hospital management system with admin dashboard, patient management, appointment scheduling, and reporting features, using .NET Core MVC and MS SQL Server, improving operational efficiency by 65% through optimized data workflows and real-time updates
- Technologies: C# (.NET Core MVC), HTML, CSS, JavaScript, AJAX, Bootstrap, MS SQL Server

Key Achievements

Performance Optimization	Improved application performance by 80% through database query optimization and advanced caching strategies
Technical Leadership	Successfully mentored 30+ developers, improving team productivity and establishing comprehensive coding best practices

Professional Development

ASP.NET Core Microservices with Azure DevOps - running	Web Academy by Harsha Vardhan   45 hours
<ul style="list-style-type: none"><li>• <b>Advanced Topics:</b> Microservices architecture, Docker containerization, Kubernetes orchestration, comprehensive Azure DevOps CI/CD pipelines</li><li>• <b>Practical Skills:</b> RabbitMQ messaging, Redis caching, fault tolerance with Polly, comprehensive Azure Kubernetes Service deployment</li></ul>	
Full-Stack Development with ASP.NET Core and Angular	Udemy   40 hours
<ul style="list-style-type: none"><li>• <b>Skills:</b> RESTful API development, Angular frontend integration, Entity Framework for data access</li><li>• <b>Modern Practices:</b> Component-based architecture, reactive programming, authentication and authorization</li></ul>	

Education

2020 – 2023	<b>B.Sc in Computer Science and Engineering</b> , Green University of Bangladesh, Dhaka CGPA: 2.88   Relevant Coursework: Data Structures & Algorithms, Object-Oriented Programming, Database Systems, Operating Systems, Computer Networks, Software Engineering
2015 – 2019	<b>Diploma in Computer Science and Engineering</b> , Magura Polytechnic Institute, Magura CGPA: 2.88   Focus: Programming Fundamentals, Database Design, Web Technologies
2013 – 2015	<b>Secondary School Certificate (SSC)</b> , Magura Technical School and College, Magura GPA: 4.39   Major: Science

Personal Information

Present Address	Mohammadpur, Dhaka, Bangladesh
Permanent Address	Magura, Khulna, Bangladesh
Date of Birth	13-06-1999
National ID	5554277839
Marital Status	Married
Father’s Name	Rir Roshid
Mother’s Name	Ruma Yasmin

Additional Information

Work Flexibility	Open to remote work and relocation
Languages	Bengali (Native), English (Professional Working Proficiency)