

# Rizve Rahman Reza

 RezaRahmanAI |  rizve-rahman-reza |  rezarahanai.github.io/Portfolio  
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## Technical Skills

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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

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Software Engineer & Technical Trainer, Object Canvas Technology, Dhaka	Jan 2024 – Present
<ul style="list-style-type: none"><li>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.</li><li>Also worked with the DotNet Framework MVC project with RDLC report.</li><li>Mentored and trained 30+ junior developers in .NET technologies,</li></ul>	
Machine Learning Engineer Intern, Head Blocks, Kawran Bazar, Dhaka	Aug 2023 – Dec 2023
<ul style="list-style-type: none"><li>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.</li></ul>	
.NET Developer Intern, Object Canvas Technology, Dhaka	May 2023 – Aug 2023
<ul style="list-style-type: none"><li>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.</li></ul>	

## Standout Projects

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### Enterprise Microservices E-Commerce Platform - running

<ul style="list-style-type: none"><li>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</li><li>Technologies: ASP.NET Core, Docker, Kubernetes, RabbitMQ, Redis, Azure DevOps, Clean Architecture</li></ul>
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### Real-Time Collaborative Task Management Platform

<ul style="list-style-type: none"><li>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%</li><li>Technologies: ASP.NET Core, SignalR, Angular, Entity Framework, SQL Server, JWT, Tailwind CSS</li></ul>
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### Hospital Management System

<ul style="list-style-type: none"><li>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</li><li>Technologies: C# (.NET Core MVC), HTML, CSS, JavaScript, AJAX, Bootstrap, MS SQL Server</li></ul>
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## Key Achievements

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

## Professional Development

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<b>ASP.NET Core Microservices with Azure DevOps - running</b>	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>	

<b>Full-Stack Development with ASP.NET Core and Angular</b>	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

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<b>2020 – 2023</b>	<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
<b>2015 – 2019</b>	<b>Diploma in Computer Science and Engineering</b> , Magura Polytechnic Institute, Magura CGPA: 2.88   Focus: Programming Fundamentals, Database Design, Web Technologies
<b>2013 – 2015</b>	<b>Secondary School Certificate (SSC)</b> , Magura Technical School and College, Magura GPA: 4.39   Major: Science

## Personal Information

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

## Additional Information

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