# Rafat Ahmad

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## Professional Summary

Full-stack Software Engineer with 9 years of experience in Retail, e-Commerce, FinTech, and Automation. Skilled in scalable microservices, DevOps, and .NET/JavaScript frameworks. Adept at leading Agile teams and driving technical excellence.

## Technical Skills

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|---|---|
| Languages | C#, VB.NET, JavaScript, TypeScript, SQL, Bash, YAML |
| Frameworks | .NET Core, MVC, Angular, jQuery, Bootstrap, Material UI |
| Cloud & DevOps | Azure, Docker, Kubernetes, CI/CD, Terraform |
| Databases | MSSQL, MySQL, Custom JSON Storage |
| API & Web | REST, SOAP, GraphQL, HTML, CSS, WebSocket |
| Tools | Azure DevOps, Git, Postman, OpenAPI, Visual Studio, VSCode |
| Patterns | Repository, Factory, Singleton, Observer |

## Professional Experience

**Aug 2024–Present** — **Senior Software Engineer**, *Echologyx Ltd.*, Dhaka, Bangladesh
- Led backend for eSpares (UK retail), optimizing order, payment, and subscription modules with .NET 6.
- Deployed microservices using NServiceBus and RabbitMQ for scalability.
- Integrated Adyen gateway, achieving 99% payment success rate.
- Defined domain models and schemas, enforcing best practices.
- Supported deployment, DataDog monitoring, and incident resolution.

*Tech Stack: .NET 6, MVC 4.5, NServiceBus, RabbitMQ, MSSQL, Bash*

**Sep 2022–May 2024** — **Senior Software Engineer**, *Fiftytwo Digital Ltd.*, Dhaka, Bangladesh
- Modularized legacy retail platform to modular monolith, enhancing scalability.
- Built Low-Code/No-Code platform with Angular, cutting delivery time by 50%.
- Managed full-stack retail system with Auth0 authentication.
- Automated CI/CD with Azure DevOps and Docker, reducing setup time by 70%.
- Acted as interim Scrum Master, mentoring junior developers.

*Tech Stack: .NET 6, Angular, Material UI, Azure DevOps, Docker*

**Feb 2022–Sep 2022** — **Assistant Manager & Technical Lead**, *Ernst & Young*, Dhaka, Bangladesh
- Architected LMS Shop, a custom e-Commerce solution using .NET 5/6.
- Optimized ITRF Workflow Tool, improving travel authorization by 50%.
- Led API design and database optimization, boosting performance by 30%.

*Tech Stack: .NET 5/6, Angular, Razor Pages, MySQL, MSSQL*

**Feb 2020–Jan 2022**   **Software Engineer**, *HawarIT Ltd.*, Dhaka, Bangladesh

- Built Rensa Family Company modules (cart, pricing, Stripe), handling 15k+ transactions.
- Automated document generation with Azure Blob, cutting processing by 70%.
- Implemented Azure KeyVault for 100% security compliance.
- Developed AutoCAD Revit plugins for model synchronization.
- Migrated legacy system to Blazor, improving UX by 50%.

*Tech Stack: .NET 5, Angular, Azure, Blazor, Terraform, Azure DevOps*

**Feb 2018–Jan 2020**   **Software Engineer**, *Tech One Global Ltd.*, Dhaka, Bangladesh

- Built paperless finance workflow for Banglalink, reducing approvals to 72–96 hours.
- Developed Loan Origination System for 8+ banks, processing $300M+ loans.
- Built E-Board tool for HRMS integration.

*Tech Stack: .NET MVC/Core, AngularJS, MSSQL*

**Aug 2016–Feb 2018**   **Programmer**, *Southtech Ltd.*, Dhaka, Bangladesh

- Enhanced Ascend Banking Suite with 2FA and licensing logic, improving security.
- Built PKSF integration tools, reducing errors by 80%.

*Tech Stack: VB.NET, WCF, ASP.NET MVC, MSSQL, RDLC*

**May 2016–Aug 2016**   **Junior Software Engineer**, *Orbit Informatix Ltd.*, Dhaka, Bangladesh

- Developed HRMS modules, cutting processing time by 60%.
- Supported API and UI enhancements with jQuery and Bootstrap.

*Tech Stack: .NET MVC, Web API, jQuery, Bootstrap*

## Certifications

**Jul 2025**   **Certified Scrum Developer (ID: 001769242)**, *Scrum Alliance*

## Education

**2012–2016**   **BSc in Computer Science & Software Engineering**, *American International University-Bangladesh*, Dhaka, Bangladesh
Grade: 3.64/4.00