

Rasel Ahmmed
Senior Software Engineer/Leadership
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Professional Summary:

- Over with **13+** years of Software Development Experience in designing, architecting, and developing high quality software solutions.
- Well experienced in backend development with strong focus on database design and frontend development with strong focus on UI design
- Expert level experience in **ASP.NET CORE, Xamarin, ASP.NET, ASP.NET WEB API, ASP.NET MVC, SQL Server, MySQL, Azure, AWS, JavaScript, jQuery**
- Experience in database technologies like **MySQL, Oracle, SQL Server, MongoDB, Azure Cosmos DB, AWS Dynamo DB**
- Experience in **Monolithic Architecture, Modular Monolithic Architecture, Layered Pattern(N-Tier) Architecture**
- Strong hands-on experience on Frontend technologies in **JavaScript, jQuery, CSS, Bootstrap, HTML**
- Experience in Azure such as **Azure Function, VM, vNET, Cosmos DB, Azure App Service, SQL Server, Azure Application Gateway**
- Experience in AWS Cloud Computing services, such as **EC2, ELB, Lambda, Step function, AWS S3**.
- Strong experience in **RESTful APIs** development
- Habituated with **Object Oriented Programming, SOLID, DDD, TDD, Repository Design Pattern, Testable and Reusable coding, Refactoring, Optimizing SQL query**
- Always ready to dive in any technically challenging area.
- Worked with version controllers like **GIT** and **SVN**.
- Expertise in Installing, Configuring, Maintaining, Troubleshooting and Supporting various technologies like **IIS, Redis Cache, Elastic search, Apache Tomcat, xampp**.
- Good understanding of the principles and best practices of **Agile** and **Waterfall** methodologies.
- Focused on delivering high quality and innovative level software.
- In depth knowledge of web technologies and standards to deliver the best experiences across web and mobile devices including responsive Web UI.
- Strong analytical skills, performance tuning, improvement, balancing, usability

Skills Summary:

- Programming: .NET Framework, C#, ASP.NET CORE, Xamarin, ASP.NET, ASP.NET WEB API, ASP.NET MVC, WPF, Silverlight, WCF, WCF RIA, Web Service, Windows Service, ADO.NET, LINQ, PHP(Codeigniter), RESTful APIs
- Scripting Language: JavaScript, jQuery, XML, Ajax, HTML 5, XHTML and DHTML, JSON
- Scripting Framework Tools: Kendo UI, JQGrid, DataTables, JQWidget, KnockOutJS, AngularJS, Angular, MVC Grid, Syncfusion
- Design Tools: CSS, CSS 3, Bootstrap, Grid 960
- Database RDBMS: SQL Server, Azure Cosmos DB, MySQL, MS Access, ORM (Entity Framework (Code First), NHibernate), MICO ORM Dapper and LINQ for object queries, PostgreSQL, MongoDB, AWS Dynamo DB
- Reporting Tools: Crystal Reports, .NET RDLC, Syncfusion, Jasper Reports for PHP
- Development Methodology: DDD, BDD, TDD, Agile Software Development, SDLC, Waterfall
- IoC Container: Microsoft Unity, Autofac, Ninject
- Logger: Log4Net, Elmah, Serilog, Microsoft Logging
- Software Design and Development Practice: OOP, SOLID, DDD, TDD, BDD
- Software Design Architecture: Monolithic Architecture, Modular Monolithic Architecture, Layered Pattern(N-Tier) Architecture
- Cloud Computing Services: Microsoft Azure, Azure Function, VM, vNET, Cosmos DB, Azure App Service, Azure Application Gateway, AWS
- Cloud Object Storage: Google Bucket, AWS s3 Bucket
- Open-Source Web Application: NopCommerce,
- Test Driven Development: MS UnitTest, NUnit, .NET Test Drive,

- Version Control System: Team Foundation Server, GitHub (Open Source), GitLab, Visual Studio SourceSafe,
- Continuous Integration: Cruise Control .NET (Open Source),
- CMS: DotNetNuke, Orchard, WordPress, Joomla
- Designing Tools: UML Mock Tools (Like Hotgloo, Balsamiq, Axure etc.),
- Others: Design Patterns, Data Structure, Algorithm, Team Management Software JIRA, Agile Development Project Management System (Trello, Agilezen), ElasticSearch, Redis Cache
- IDE: Visual Studio, Visual Studio Code, Eclipse.
- Web Server: IIS 6.0/7.0, Azure Virtual Machine.

Work Experience:

1. Senior Software Engineer/Team Lead, BRAC IT Services Limited (<https://www.bracits.com/>)

April 2022 - Present

Responsibilities:

- Analyze user requirements with BA, and Help to estimate time as a developer, Design and develop software and database architecture as per the requirement, Lead Team and Manage Team Member, Design and develop data integration process, Designing and developing BRAC Audit Management System Admin portal, Developing BRAC Audit Management System mailing system to send schedule email and SMS to manager, users. Designing and developing module to send instant notification to different entity. Work on generate PDF report base on writing report and Dynamic report.
- Follow Agile methodologies and work closely with business unit to create technical stories in JIRA. Work on new project setup in .NET Platform, optimize codes and enhance performance as per the requirement set forth by enterprise architect. Work on developing different serverless solutions like Azure function, Lambda function in C#. Practice Test Driven Development and Design principles while developing codes. Use JIRA for tracking stories and work with scrum master to assign development tasks to fellow developers. Work with Development/testing, systems/infrastructure, and project teams to ensure continuous operations of the applications.
- Working on BRAC Audit Management System, BRAC Learning Centre Mess Inventory Management, BRAC Aid Management (Manobik)

Technologies: Visual Studio, Visual Studio Code, ASP.NET CORE, ASP.NET CORE WebApi, Xamarin, ASP.NET WEB API, ASP.NET MVC, SQL Server, MySQL, PostgreSQL, ORM (Entity Framework), ElasticSearch, Redis Cache, JavaScript, jQuery, Ajax, XML, JSON, Razor, HTML/5, CSS/3, ChartJS, Google Chart, Google Bucket for image storage, MVC Grid, Syncfusion for Generate PDF Report, DataTables, Angular, Bootstrap, GIT, JIRA

2. Senior Software Engineer/Team Lead, PlacoVU, Inc. (<http://placovu.com/>)

August 2017 – April 2022

Responsibilities:

- Lead Team and Manage Team Member. Manage Client, collect and analyze user requirements, Design and develop software and database architecture as per the requirement, prepare project management plan, Design and develop data integration process
- Involved in designing the user experience interface UI/UX strategy, UI requirements, converting findings into UI designs.
- Leveraged MVC design pattern to organize Angular controllers, components, services and views.
- Worked on the REST/Web API to create the services and tested on postman and used in Angular interceptor and guard and bind the data in the table using ngFor attributes.
- Built web pages that are more user-interactive using jQuery plug-in for Drag and Drop, AutoComplete, AJAX, JSON, Angular, JavaScript and Bootstrap.
- Used Angular as a framework to create a Single Page Application (SPA) which can bind data to specific views and synchronize data with the server using Sass, LESS, Bootstrap, Angular.
- Worked on design and development on Ontrack Health Admin portal, Patient Portal and Professional Portal.
- Worked on developing Ontrack Health mailing system to send schedule email to patients, doctors or nurses.
- Work on design and develop surgical concierge module to send instant notification to different entities.
- Follow Agile methodologies and work closely with the business unit to create technical stories in JIRA.
- Participated in new project setup in .NET Platform.
- Optimize codes and enhance performance as per the requirement set forth by enterprise architect.
- Expert in developing different serverless solutions like Azure function, Lambda function in C#.
- Develop codes for various projects using C#, Angular, Java Script.
- Highly involve in Virtual Machine, Application Gateway, Network Security Group, Virtual Network, DNS Zone,

App Service Certificate, Recovery Service Vault, Azure Cosmos DB, SQL Database, Virtual Machine Scale Set, Load Balancer, Azure Function App, Azure App Service on Microsoft Azure for respective projects.

- Work on setup and configure Azure cloud infrastructure using Azure Portal, Azure CLI and Azure PowerShell.
- Work on EC2, VPC, Route53, IAM, S3, ELB, Security Groups, CloudWatch, SNS, RDS, subnets, Lambda function, Dynamo DB on AWS.
- Work with development, testing, infrastructure and DevOps teams to ensure continuous operations of the applications.
- Working on Hospital Management, Trivia Game Application, Build CMS.

Technologies: Visual Studio, Visual Studio Code, Azure, AWS, ASP.NET CORE, Xamarin, ASP.NET, ASP.NET WEB API, ASP.NET MVC, SQL Server, Azure Cosmos DB, MongoDB, ORM (Entity Framework), ElasticSearch, Hadoop, JavaScript, jQuery, Ajax, XML, JSON, Razor, HTML/5, CSS/3, ChartJS, Highcharts, Kendo UI, JQGrid, DataTables, JQWidget, Angular, AngularJS, Facebook API, Bootstrap, Jenkins, GIT, Maven, JIRA

3. Senior Software Engineer, SoftwareGrid Ltd. (<http://www.softwaregrid.com/>)

December 2014 - July 2017

Responsibilities:

- Collected and analyzed user requirements, designed and develop software and database architecture as per the requirement, Prepare a project management plan.
- Designed and developed data integration process, Create or modify database table structure as per architectural design, Developed application in .NET platform as per the business requirement and architectural design.
- Wrote well-organized and highly efficient SQL scripts (Stored Procedures, Functions, Views and Triggers.) according to the design instruction, analyzed customer's data to provide felicitous solutions.
- Designed reports as per client requirement, manage team members and report to the supervisor, Communicate with the in-house and offshore team.
- Tested and implemented scalable process.
- Participated in Recruitment Application as SAAS, Property Buy and Sell Marketplace as SAAS, Quiz Application.

Technologies: Visual Studio, ASP.NET 3.5/4, ASP.NET WEB API, ASP.NET MVC 3/4/5, SQL Server, ORM (Entity Framework), JavaScript, jQuery, Ajax, XML, JSON, Razor, HTML/5, CSS/3, Highcharts, Kendo UI, JQGrid, DataTables, Angular, AngularJS.

4. Software Engineer, TechnoVista Limited. (<http://www.technovista.com.bd/>)

June 2013 - December 2014

Responsibilities:

- Developed new project solution with N-Tier architecture as well as implemented Design Pattern to solution.
- R&D for new solution development, R&D for new tools implement, Creating jQuery Plugin, Working with Kendo UI, Writing business logic etc.
- Designed UI, Admin theme implementation in project, analyze business domain, Created Database architecture, create stored procedure for Report and Generating Report.
- Reporting supervisor, Assisting other members in development, R&D for new solution development, R&D for new tools implementation.
- Learned and tried to implement design patterns associated with the respective team leader, testing and implementing process.
- Experienced in Govt. of Bangladesh Projects such as Financial System, Distribution Management, Gate Pass Management System, Project Management System, Account Management System, ERP System.

Technologies: Visual Studio, ASP.NET 3.5/4, ASP.NET WEB API, ASP.NET MVC 3/4/5, SQL Server, MySql, ORM (Entity Framework), PHP(Codeigniter), Elasticsearch, JavaScript, jQuery, Ajax, XML, JSON, Razor, HTML/5, CSS/3, Highcharts, Kendo UI, JQGrid, DataTables, JQWidget, KnockOutJS, AngularJS.

5. Software Engineer, Symphony Soft Tech Ltd. (<http://www.symphonysoftt.com/>)

May 2012 - June 2013

Responsibilities:

- Documented business logic, Design UI, Admin Theme Implementation in project.
- Analyzed business domain, Creating Database, Create Store Procedure for Report, Creating Report, Attending Team meeting.
- Reported supervisor, assisted other members in development, R&D for new solution development, R&D for

new tools implement.

- Learned and tried to implement design patterns by support team leader, Testing and implementing process.
- Closely participated with frontend and backend development.
- Experienced in Purchase Procurement System, Project Management System, VAT System.

Technologies: Visual Studio, Visual Studio Code, ASP.NET 3.5/4, ASP.NET WEB API, ASP.NET MVC 3/4/5, SQL Server, MySql, ORM (Entity Framework), PHP(Codeigniter), JavaScript, jQuery, Ajax, XML, JSON, Razor, HTML/5, CSS/3, Highcharts, JQGrid, DataTables, JQWidget.

6. .NET Developer/Programmer, Regfire Solution Ltd. (<http://www.regfire.com/>)

August 2011 - May 2012

Responsibilities:

- Developed web application as per client's requirements.
- Documented business logic, Design UI.
- Analyzed business domain, Created Database to support client requirements.
- Created reports, attended team meetings, reported to supervisor, assisted other members on development, learned new tools and help them to implement.
- Attended training sessions with the team.
- Closely worked on testing and implementation.
- Developed custom forms and controls to meet the complex requirements in the presentation layer.
- Involved in extending new functionality to the existing application.
- Fixed a few of the issues that are existed in the current application.
- Participated in Project Management System, Human Resources System and Payroll System.

Technologies: Visual Studio, Visual Studio Code, ASP.NET 3, ASP.NET WEB API, ASP.NET MVC 3, SQL Server, MySql, ORM (Entity Framework), PHP(Codeigniter), JavaScript, jQuery, Ajax, XML, JSON, Razor, HTML/5, CSS/3, Highcharts, JQGrid, DataTables, JQWidget.

7. Web Developer/Programmer, Mashiur Rahman Software Ltd. (<http://www.mrsft.com/>)

October 2010 - July 2011

Responsibilities:

- Learned and implemented new tools and technology.
- Collected Requirements from the client and represent the requirements to the business analyzed as well as analyze that requirement with team members.
- Participated in writing well-organized and maintainable codes for the system.
- Created a lot of web site for USA clients with ASP.NET Web.

Technologies: Visual Studio, ASP.NET 3, ASP.NET WEB API, ASP.NET MVC 3, SQL Server, ORM (Entity Framework), JavaScript, jQuery, Ajax, XML, JSON, Razor, HTML, CSS, JQGrid, DataTables, DotNetNuke(DNN).

Educational Qualification:

1. Bachelor of Computer Science & Engineering, THE PEOPLE'S UNIVERSITY OF BANGLADESH Completed- 2014.

Certification:

1. Diploma in ESAD-CS (Enterprise System Analysis & Design with C#, IsDB-BISEW).
2. Software Design/Architecture, Software Design and Architecture Course Completed, BITM.
3. Microsoft Certification Exams Completed Successfully (Exam ID: 70-547, 70-528, 70-536)
Credential ID: 7728842

Abilities:

- Innovative & Creative
- Ability to work alone or within a team in friendly environment
- Understand the commercial value of software
- Able to take direction from teammates
- Can Do attitude
- Willing to learn new technology
- Analytical & Excellent Problem-solving skills
- Perform multiple tasks

- Ability to communicate with foreign client