MD. EMRUL KAYES

12, Darussalam, Mirpur road, Dhaka-1208.
Phone: +8801687840808
Email: emrul.kayes2103@gmail.com

Objective:

As a software engineer like to work in a challenging environment where I can utilize my expertise in technical skills, towards the development and implementation of new ideas, contributing to the growth of the organization.

Technical Skills:

- Languages: C#, JavaScript, SQL.
- Frameworks: ASP.NET, ASP.NET MVC, ASP.NET CORE, Entity Framework, Entity Framework Core, ASP.NET Web API.
- ORM: Dapper.
- Design Patterns: Repository Pattern, Singleton, Abstract Factory Method, UnitOfWork.
- Databases: MSSQL, MySQL.
- Source Control: Git, SVN.
- Reporting tool: Crystal Report.
- Proficient in LINQ, WCF, Windows Scheduler, Web Services, SignalR, Relational database design.
- Have sound knowledge in HTML, CSS, Bootstrap, JQuery, AJAX and ANGULAR 6.

Strengths:

- Excellent Communication skill to present points precisely and clearly.
- Good problem solving ability and analytic skill to solve the problem efficiently.
- Good team player and have excellent interaction skill to coordinate and work within a team.
- Excellent Technical Skill.
- Have expertise in working with various enterprise solutions.
- Good deliver output in less time without losing efficiency.

Employment History:

Software Engineer, April 2019 - Till date
BRAC IT Services Ltd.
Road 5, House 115, Block-B Niketon Society, Gulsan-1, Dhaka-1212.

Duties & Responsibilities:
- Following SDLC, analyzing complex business requirements, design relational database and write manageable code using .NET technology.
- Requirement analysis, Object-oriented analysis, design & development (Front & back ends).

- Develop web application using ASP.NET MVC, ASP.NET Core, Entity Framework and SQL Server 2008/2012/2016.
- Service oriented development.
- Maintain & Enhance N-Tier application, writing complex SQL Query & procedures.

Software Developer, July 2016 – March 2019
Dimik Infotech Ltd.
NSC Tower (14th floor), 62/3 Purana Paltan, Dhaka-1000.

Duties & Responsibilities:
- Developing web application using ASP.NET MVC, JQuery, Bootstrap, MSSQL
- Complex requirement analysis for Stock Market application.
- Database design, writing complex & optimized SQL queries & procedures
- Maintain & enhance existing application.

Programmer, Jan 2016 – Jun 2016
Q-Soft Precise Assistance

Duties & Responsibilities:
- Developing and maintain web application using ASP.NET
- Database design and stored procedures writing
- Enhance existing application.

Projects:

Project title: **Stock Viewer**
Project Description:
- Displaying share market instrument board and price details and serve to the clients.
- Clients can choose their favorite instruments and can monitor only those items closely using this application.
- Moreover this application can show different graphs, market trends, different categorized data which helps clients to make decisions.

Role: Software Developer
Tools: Visual studio 2017
Programming Languages & Frameworks: ASP.NET Core 2.2 API, Repository Pattern, ANGULAR 6, Electron JS.
Database: MSSQL 2017

Project title: **Portfolio Management and Trade Online Application**
Project Description:
- Managing stock market customer information and provide them various online facilities through this application.
- Showing various share & accounts related report as like Portfolio Report, Trade Report, Daily Transaction report, gain/loss report.
- Customer can send deposit & withdraw request through this application.

- Instrument board for getting all instruments market price and also customers can customize the board.
- Customer can submit instrument buy/sell order to online trader.

Role: Software Developer

Tools: Visual studio 2015

Programming Languages & Frameworks: ASP.NET MVC, AJAX, JQuery, LINQ, Entity Framework, Bootstrap, Crystal Report and SignalR.

Database: MSSQL 2008 R2

Project title: **KNARR**

Project Description: An API application for boat reservation & tracking system.
- Owner can add & update their boat information and also mark available for reserve.
- Owner can add multiple boats
- Users can make a search request for hiring the nearest available boat for the current day or for the next days.
- The owner will approve user requests and start the trip. If any problems occur in the middle of the trip then user/owner both can send a beacon request which will be send to their nearest all boats as a push notification so that others can help them.
- Users can submit reviews for boat & owner and can complete their payment through the application.

Role: Freelance Software Developer for USA based company

Tools: Visual studio 2017

Programming Languages & Frameworks: ASP.NET CORE 2.1 API, Repository pattern, UnitOfWork pattern.

Database: MSSQL 2012

Project title: **BACK OFFICE**

Project Description:
- Stock market accounts application for managing all share information's, customer information's, company accounts, customer accounts and all other purposes.
- Managing company business information's and all other activities.

Role: Software Developer

Tools: Visual studio 2010

Programming Languages & Frameworks: ASP.NET WinForms.

Database: MSSQL 2008 R2

Project title: **Human Resource Management System (Attendance Module)**

Project Description: Keeping attendance track for employees.

Role: Programmer

Tools: Visual studio 2013

Programming Languages & Frameworks: ASP.NET MVC, JQuery, Bootstrap, SQL Programming.

Database: MSSQL 2008 R2

Project title: **School Management System**

Project Description:
- Storing students, teacher, parents, Library, class, and class routine information's.
- Manage students result & attendance

- Recording student's payment and exam clearance.

Role: Developer

Tools: Visual studio 2013

Programming Languages & Frameworks: ASP.NET MVC, JQuery, Bootstrap, SQL Programming.

Database: MSSQL 2012

Project title: **ISP Billing Management System**

Project Description: It's an easy solution for ISP to maintain their customers, billing and all other accounts activities. This application can handle multiple branches for their business and generates all reports based on different criteria. It keeps track on Monthly and yearly expenses and incomes to manipulate profit/loss information. User can upload any information so that it makes easier to operate this application. Collecting bill from customer is one of core feature of this application.

Role: Developer

Tools: Visual studio 2013

Programming Languages & Frameworks: ASP.NET Web Forms, JQuery, Bootstrap, SQL Programming.

Database: MSSQL 2012

Educations:

- M.Sc in Computer Science (3.37 out of 4.00), Jahangirnagar University, Dhaka.
- B.Sc in Computer Science & Engineering (3.32 out of 4.00), Daffodil International University, Dhaka.
- HSC, Science (4.50 out of 5.00), Bogura Cantonment Public School & College, Bogura.
- SSC, Science (5.00 out of 5.00), Bogura Zilla School, Bogura.

References:

Name   : Sayed Akhter Hossain
Organization   : Daffodil International University.
Designation   : Professor & Head of Dept. of Computer Science and Engineering
Address   : Sukrabad, Mirpur road Dhanmondi, Dhaka.
Phone (ofc)   : 9138234
Email   : aktarhossain@daffodilvarsity.edu.bd
Relation   : Academic