

## MD. SAIFUL ISLAM BHUIYA

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### **Career Objective:**

Full stack Software Engineer specializing in Microsoft platforms and technologies and seeking employment as part of dynamic software development team to utilize my knowledge in software architecture and design, expertise in development and unit testing using Agile TDD methodology. Strives to build reusable tools or software components and write clean code, code review, code refactoring, unit testing, and follow design principles for achieving quality code or software.

### **Specialization:**

Fields of Specialization	
<ul style="list-style-type: none"><li>• ASP.NET MVC &amp; MVC Core, Web Forms</li><li>• C#, C</li><li>• AngularJS, MEAN Stack (Beginner level)</li><li>• Web APIs / RESTful APIs</li><li>• Entity Framework / EF Core, LINQ</li><li>• MS SQL / MySQL / PostgreSQL</li></ul>	<ul style="list-style-type: none"><li>• Test Driven Development (TDD)</li><li>• Write Clean Code, Code Refactoring, Code Review</li><li>• Knowledge in OOP, SOLID, SDLC</li><li>• Microservices, Azure DevOps, Aspect Oriented Programming(AOP)</li><li>• Design Patterns / n-tier Architecture</li></ul>

### **Employment History:**

**Total Year of Experience :** 6 Year(s)

#### **1. Software Engineer (January 1, 2015 - Continue)**

**Prime Link Limited**

Company Location: Level #16, Saiham Sky View Tower, 45, Bijoy Nagar, Dhaka-1000, Bangladesh

**Project: Education Resource Management Or University Management System**

#### **Description:**

Student advising, profiling, fees collection, routine, attendance, result, teacher / staff, administration, notification, academic calendar, admission, approval etc. all over university activities management.

#### **Duties/Responsibilities:**

1. Requirement Collections, Analysis, Wire-frame, Database, Web API, Other Software Component Design and Development.
2. **My Interests:** Integrate TDD and Entity Relationship Model partially, implements SOLID and Design Patterns like Repository, Decorator etc.
3. **Technology Stack:** ASP.NET MVC, AngularJS, Web API, Entity Framework, MS SQL Server

**Project: Access Control and Attendance Management**

#### **Description:**

All the Students, Teachers, Staffs access in / out management through access control devices. Teachers and Students attendance management through class room punching / fingering devices as well as generating lots of reports.

#### **Duties/Responsibilities:**

1. Requirement Collections, Analysis, Web API, Database Design and Implementations. Integrate new system with their existing system. Generating lots of reports using RDLC reporting tools.

2. **My Interests:** fully developed in TDD approach, implements SOLID principles and Design Patterns like Repository, n-tier architecture.
3. **Technology Stack:** ASP.NET MVC, AngularJS, Web API, Entity Framework, MS SQL, RDLC.

## 2. **Software Engineer (January 1, 2019 - Continue)**

### **ProspectBD Software**

Company Location: 50 Purana Paltan Line (6th floor), Bijoy Nagar, Dhaka-1000

#### **Duties/Responsibilities:**

1. R&D about Software Design and Architecture, Software Engineering Best Practices (Unit Testing, Clean Code, Code Review, Code Refactoring), TDD development approach, Implementation of OOP design patterns and SOLID principles in code.
2. Experience with Micro-service based architecture SOA, Separation of cross-cutting concerns using AOP, Azure DevOps, RESTful APIs, .NET Core Technologies, MEAN Stack development, WebRTC.

### **Personal Projects**

#### **Project: POS Solution**

##### **Description:**

POS Solution has modules like Dashboard, Purchase, Sales, Inventory, and Reports etc.

#### **Duties/Responsibilities:**

1. Back-end (Web API, Services) design and development using TDD, Database design and development.
2. Front-end design and development
3. **Technology Stack:** Back-end (ASP.NET MVC Core, Web API, C#, Entity Framework Core, PostgreSQL database) and Front-end (Angular 9, TypeScript 3.7.5, Bootstrap 4.3.1).

### **Academic Qualification:**

Exam Title	Concentration/Major	Institute	Result	Pas. Year	Duration
Bachelor of Science in Software Engineering (BSSE)	Software Engineering	University of Dhaka	CGPA:3.49 out of 4	2013	2010-2013
HSC	Science	Government Science College	CGPA:5 out of 5	2008	2006-2007
SSC	Science	Gouripur S.A. High School, Comilla.	CGPA:5 out of 5	2006	2004-2005

### **Extra-Curricular Activities:**

- I love to play Cricket, Football. I was a regular member of IIT cricket and football team.
- Most often I read newspaper and story/historical/religious books, travelling countryside I like most.

### **Reference (s):**

#### **Reference: 01**

Name : Obaidul Kabir Chowdhury  
 Organization : ProspectBD Software  
 Designation : CEO  
 Address : 50 Purana Paltan Line, Bijoy Nagar  
 Mobile : +8801757921199  
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 Relation : Professional

#### **Reference: 02**

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 Professional