



Sudhin Sarker Bishal

Software Engineer IV

☎ +8801685087193

✉ mr.bishalsarker@gmail.com

🌐 neuronblast.azurewebsites.net

🔄 github.com/bishalsarker

🏠 hackerrank.com/mr_bishalsarker

🌐 linkedin.com/in/bishalsarker

I have established my career as a Software Engineer having four years of hands-on work experience in Web Application Development. My everyday work would include developing new features, finding and fixing issues, writing clean structured and reusable codes following the principles of design pattern architectures and designing micro-services. Besides software development I use to write in my blog to share my knowledge.

I am seeking a challenging career with a progressive organization that provides an opportunity to capitalize on my technical skills. I aim to put in my best efforts to further accelerate my career with adaptive, cutting-edge development techniques.

KEY QUALIFICATIONS

- Good understanding of .NET Architecture.
- Firm experience in developing applications using object-oriented programming and design patterns.
- Writing clean code.
- Excellent ability to learn and implement new concepts in programming.
- Ability to lead others and collaborate.
- Excellent problem solving skills.

TECHNICAL SKILLS

Programming Languages: C#, C, Java, C++, Python, Javascript, Typescript

Web Backend: ASP.NET Core MVC, ASP.NET Core WebAPI, ASP.NET Blazor, ASP.NET MVC, ASP.NET WebAPI, ASP.NET Web Forms, Node.js Express, Python Flask

Web Frontend: Angular 8, HTML5, CSS3, Ajax, jQuery, Bootstrap

Databases: MS SQL Server, PostgreSQL, MongoDB, MySQL Server, SQLite, Redis

Message Broker: Kafka, Redis

Tools: Docker, Kubernetes

Cloud Platform: Azure Virtual Machine, Azure App Service, Azure Blob Storage, AWS Elastic Compute Cloud (EC2), AWS Simple Storage Services (S3), AWS Simple Email Service (SES), AWS Elastic Kubernetes Service (EKS), AWS Elastic Container Registry (ECR), AWS Lambda, AWS EventBridge, AWS Route 53, AWS Cloud Front, AWS Virtual Private Cloud (VPC), AWS RDS, AWS Cloud Watch, AWS Elastic Load Balancer (ELB).

Desktop Application: WinForms

Embedded Technologies : Arduino, NodeMCU, ESP8266

Version Control System : Git (used Github, Bitbucket, Gitlab), Mercurial (used TortoiseHg)

EMPLOYMENT HISTORY

1. Astha IT Research & Consultancy Ltd.

116 Kazi Nazrul Islam Ave, Dhaka 1205, Bangladesh.

Designation: Software Engineer IV

Period: June, 2021 – till date

Projects:

a) apex4u.com

Client: Apex Retail Chain is a Bangladeshi retailer of shoes, clothing, and other accessories founded in 1997 and have been serving the Bangladeshi market for over 20 years.

Responsibilities: To integrate Algolia Search Engine for product lists and search functionality, integrate logistics and to build the core communication channel for omni-channel stores. Beside this my job was to do analysis and design a scalable and fast system for providing product data for millions of customers.

Technologies: Algolia, ASP.NET Web API, PostgreSQL, Hangfire, Docker, AWS EKS.

Website: <https://www.apex4u.com/>

b) weavio.tech

Client: In-House. SaaS-based simple and complete production management solution for textiles and every other production-based organization.

Responsibilities: Led the backend team and designed a scalable system that would handle billions of production and human resource data monthly.

Technologies: ASP.NET Web API with .NET 6, PostgreSQL, Hangfire, Docker, AWS SQS, AWS EC2.

Website: <https://weavio.tech/>

c) stepout.pro

Client: India's first digital manager for freelance trainers. A trailblazing online platform to facilitate trainers handling all their business processes; management of classes, bookings, payments, personal branding & much more from a single place

Responsibilities: To architect and build micro-service based a backend with core application logic. Integrating Zoom OAuth and Razorpay (Payment Gateway).

Technologies: Node.js, Express, AWS Lambda, AWS EKS.

Website: <https://stepout.pro>

2. Streams Tech Ltd.

House 16, Suite F4, Road 23, Block B, Banani, Dhaka 1213, Bangladesh

Designation: Associate Software Engineer

Period: November, 2019 – June, 2021

Projects:

a) Notification Service

Client: IQVIA, formerly Quintiles and IMS Health is an American multinational company headquartered at Danbury, Connecticut, USA serving the combined industries of health information technology and clinical research.

Responsibilities: To build one of the micro-services and integrate the service with other micro-services and also to build the admin console (frontend) for managing the service.

b) Worksite

Client: DeWolff, Boberg & Associates, headquartered at Dallas, Texas, USA is cross-industry management consulting services provider. Worksite a workforce management software that enables frontline managers to strategically manage their resources and drive business outcomes. It's a highly customizable software solution for all levels of management and all industries to increase insight on the performance of workforce.

Responsibilities: To build new feature modules, improving performance, testing and debugging.

BACHELOR PROJECT

Talking Garage

IoT based smart car parking system built with a goal to solve parking problems. This system helps drivers to find and book parking spaces to their desired location. It also manages parking bills.

Technologies Used:

Web Backend : ASP.NET MVC, MS SQL Server

Web Frontend : HTML5, CSS3, Javascript, Bootstrap, Ajax, jQuery

Hardware : Arduino, ESP8266, NodeMCU (For a device which detects cars and sends data to the server)

Hardware Languages : Arduino, C, C++

Github : <https://github.com/bishalsarker/talkingGarage>

Paper Link: <http://dSPACE.daffodilvarsity.edu.bd:8080/handle/123456789/2404>

PET PROJECTS

1. Neuron Blast

This is my personal blog where I share my knowledge, thoughts and projects.

Link: <https://neuronblast.azurewebsites.net/>

2. EzyQuizy

Web application for online exams with real-time cheat detection through browser using ASP.NET MVC.

Github: <https://github.com/bishalsarker/ezyqizy>

3. HYDB

It's an online database management system that can be used for storing and retrieving data efficiently with RESTful API

Link: <https://www.hydb.xyz>

EDUCATION

B. Sc in Software Engineering

Daffodil International University

2015 – 2019

CGPA : 3.04 (out of 4.00)