

## OMAR FARUQUE SHAMIM

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🏠 Dhaka - 1205, Bangladesh  
🌐 English, Bangla



### SUMMARY

- I am a full-stack software engineer with 6+ years of hands-on experience in .Net Framework
- Fascinated with problem-solving, clean coding, test-driven development, domain-driven design, object-oriented design, maintainable system, onion and micro service architecture.
- Enjoy working in a team and am enthusiastic about learning new things.
- Following best practices and collaborative software development processes.
- Worked in agile environments to break down tasks, analyze time, effort, and priority.
- Ability to work on multiple projects.
- Ability to work under pressure.
- Experience in effort estimation for large applications.
- Ability to lead the engineering resources to complete project tasks.

### SKILLS

- Software development experience in .Net Framework (C#, ASP.Net Core, MVC 5, Web Form, Web API, Entity Framework, LINQ, MS SQL Server, and Rdlc Report)
- Proficiency on React.js, JavaScript, JQuery, HTML, CSS, Bootstrap, AJAX, XML & JSON
- Strong knowledge of OOP, relational database design, generic repository pattern & solid design principal
- Clear knowledge of SDLC, onion architecture, code versioning tools, and agile methodologies

### EXPERIENCE & PROJECTS

6 yrs 2 mos

#### Associate Manager

May 2022– continue

Brac Bank Limited. Dhaka, Bangladesh

#### RESPONSIBILITIES

- ❖ Plan, develop and deliver high quality, performance, and reliable in-house software applications.
- ❖ Creating features that work across multiple software applications, systems, and portals according to business needs.
- ❖ Working with different transaction module applications and API development for fund transfers and bill payments.
- ❖ Stand-alone SOAP and REST API development for middleware service integration with Finacle.
- ❖ Collaboration with team members, business stakeholders, core banking team, database administrators, network team and system administrators to design, build and deploy applications

#### PROJECTS

- **Digital Lending (Shubidha)**
  - Shubidha apps will be used for loan digitalization. I am working on back-end REST API in this project.
  - Customer will get small amount of loan through online without any physical activities.
- **End To End**
  - End To End project is used to manage full life cycle of Chequebook & Debit Card request initiate to delivery.
  - This project is being revamped to update the technology.

## Analyst Programmer

Apr 2019 – Apr 2022

Southtech Limited. Dhaka, Bangladesh

### RESPONSIBILITIES

- ❖ Identifying stakeholders requirements and translating them into business requirements
- ❖ Providing technical leadership to team members and responding to their inquiries.
- ❖ Code review
- ❖ Application development and implementation.
- ❖ Project time estimation.
- ❖ Project architecture & database designed

### PROJECTS

- **Point of Sales**
  - Implemented offline-online sync mechanism for high data volume-based distributed systems
  - Multiple barcode and cost price manage
  - Central & branch wise product purchase from supplier.
  - Branch wise profit & loss accounting reports.
  - This systems help to manage inventory and analyze sales patterns
- **VAT Management System**
  - This software helps to quickly generate Bangladesh government-recommended Mushak reports and submit electronic copies of final VAT returns accurately.
  - Application is integrated with **Electronic Fiscal Device** of NBR to ensure transparency in the VAT connection.
- **E-Commerce**
  - Integrate e-commerce functions with inventory, physical sales, accounting, and other business modules.
  - Nagad & Amar Pay 3rd party online payment gateway integrated.
  - This application was built with React & ASP. NET Web API
- **Customized ERP**

## Software Engineer

Jan 2017 – Mar 2019

C&E It Solution Ltd. Sylhet, Bangladesh

### RESPONSIBILITIES

- ❖ Requirement analysis, design, development, testing & implementation of new & existing projects
- ❖ Upgrade and modification of existing solutions.
- ❖ Provide technical training support to clients when necessary.
- ❖ Configure, customize and integrate open-source software for the client.

### PROJECTS

- **Hospital Management System**
  - There are about 26 modules such as OPD and IPD management, prescription, patient follow up advice, ICU & CCU, nursing station, pathology, radiology & imaging, pharmacy, accounts, hospital bed/cabin management and so on. I worked on most of the modules.
  - I integrated open-source Orthanc PACS server for getting X-Ray, MRI & CT-Scan images. Using this module doctors can see the radiology image and generate the reports.
- **Rent & Billing System**
  - This software is created for a shopping mall to manage shop rent, electricity and utility bills

- **HR & Payroll System**
  - This HR software allows you to efficiently manage all HR activities and significantly reduce administrative and operational costs.
  - I integrated the RFID attendance machine with HR system.
  - Overtime amount & salary generated based on attendance data.
- **Result Processing System**
  - This is my first professional application which is used to process school and college result.
  - All students result are printed through a single clicked.

## EDUCATION

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<b>B.Sc (Eng.) in CSE</b> 2013 - 2016	<b>Shahjalal University of Science and Technology</b> Institute: Sylhet Engineering College Result: 3.76 out of 4.00
<b>HSC – Science</b> 2010 - 2012	<b>Rajshahi College</b> Result: 5.00 out of 5.00
<b>SSC – Science</b> 2008 - 2010	<b>Shahid Mamun Mahmud Police Lines School &amp; College</b> Result: 5.00 out of 5.00

## ACHIVEMENTS

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- Got stipend in all semesters.
  - Achieved 6th positions in Programming Contest at SEC CSE FESTIVAL 2014.
  - Participated National Hackathon 2016.

## RESEARCH

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**Title** : **An Analysis of Bangladesh One Day International Cricket Data: A Machine Learning Approach** on IEE  
**Publisher** : 2018 International Conference on Innovations in Science, Engineering and Technology (ICISSET)

## TRAINING

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<b>LICT Top Up Training</b> Jan 2016– April 2016	<b>ICT Division under NASSCOM IT-ITES</b> Completed LICT Training on web application which is certified by <u>George Washington University, USA.</u>
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## REFERENCES

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<b>Md. Harun-Ur-Rashid</b> Project Manager, TechnoNext Ltd ✉ harunurrashid@gmail.com ☎ +880 1707 881151	<b>ASM Khayrul Chowdhury</b> Advisor & CTO, C&E It Solution ✉ khayrulsust@gmail.com ☎ +880 1711 148424
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