

# MOHAMMAD TOWSIF PATWARY

## SOFTWARE ENGINEER

Working in software development since 2018. With hands-on experience in building enterprise applications I follow SOLID principles and design patterns. Quick and fast learner with very good competitive programming skill. I have working experience in C#, Asp.net Core, MVC, Web Api, JavaScript, Angular, Entity Framework, MsSql etc.



✉ Mdtowsif03@gmail.com

📍 Mohammadpur, Dhaka, Bangladesh

🌐 [linkedin.com/in/towsif-patwary](https://www.linkedin.com/in/towsif-patwary)

☎ +8801670115405

📄 [towsif-profile.netlify.app](https://towsif-profile.netlify.app)

🐙 [github.com/Towsif-Patwary](https://github.com/Towsif-Patwary)

## WORK EXPERIENCE

### Software Developer Synergy Interface Ltd.

01/2018 - Present  
Software Company

Dhaka, Bangladesh

#### Achievements/Tasks

- Designed and implemented a robust POS system using latest dotnet core, SQL server, and angular with clean architecture, repository, message queue & following the best practices. Improved efficiency by optimizing backend architecture for existing desktop version.
- Took part in maintain & modify existing HRMS solution including organization, HR policy, payroll etc.
- Actively involved in developing inventory ERP software focused on distribution and supply chain management.
- Applied complex SQL queries, designed APIs, and utilized asynchronous programming for efficient data handling.
- Contributed to multiple core modules, including sales, promotions, transfer, delivery, receive, damage, user management and many more.
- Applied complex SQL queries, designed APIs, utilized asynchronous programming for efficient data handling.
- Responsible for implementing complex business requirements into the application and designing mock-ups for features
- Integrations, Modifications and bug solving for existing desktop POS according to clients requirements.
- Conducted thorough code reviews and managed code merging and project maintenance using SVN
- Visual Studio 14,22, VS Code, SSMS19, Postman, SVN etc.

## EDUCATION

### BSc in Computer Science & Engineering BRAC University

2013 - 2017

Dhaka, Bangladesh

### Higher Secondary Certificate (Science) St. Joseph Higher Secondary School & College

2010 - 2011

Dhaka, Bangladesh

### Secondary School Certificate (Science) Mohammadpur Govt. High School

2008 - 2009

Dhaka, Bangladesh

## SKILLS

C#   Asp.net framework, .NetCore   Angular, Typescript  
Web app, WebAPI, Desktop app   EF, linq   Sql query  
Cloud, Microservice, Docker, Kubernetes   Message Queue  
Git, SVN   JavaScript   Reactjs, Redux, Saga  
VS14,22, SSMS19, Postman, VSCode etc.

## PROJECTS

### Cloud Pos (.Net8 Core, WebAPI, Angular 16, MsSql)

- Sales, promotions, receive, deliver, damage, inventory, user management etc

### Universal Medical Record (.NetCore, Angular, MsSql)

- Medical recruitment system USA client based

### BKB Admin portal (Angular)

- Banking system

### Blockchain

- Developed blockchain wallet desktop app - ERC20 token using WPF
- Developing Non Fungible Token on ERC721 using solidity, nodejs etc

### ERP software (.Net framework, Angular, Oracle)

- Merchandising module- row material/product initialization to finished good
- Material management module- requisition, purchase, utilizations etc.

### Bizness Roots - Inventory ERP (.Net 4.5, JQuery, MsSql, EF)

- Focused on distribution & supply chain ERP. Purchase, sales, reports etc

### E-commerce website self project (reactjs) [🔗](#)

- E-commerce, cart management etc.

### Restaurant app self project (.Net, Angular)

- Angular 10, .Net 4.6 Web api, MsSql, Material (UI), Ado.Net, EF etc.

### Easy images by search- using external api (reactjs) [🔗](#)

### Point Of Sales (C#, DotNet 4.5 MVC, JQuery, MsSql) [🔗](#)

- Layer architecture, SOLID principles, repository pattern, entity framework
- Setups, Operations (Sales, Discount, Tax, Purchase, Stock mgt.), Report

## CERTIFICATES

Complete Blockchain development (2021)

Professional Application Development from BITM (2018)

Asp.net MVC, Razor, jQuery, MsSql etc.