

# Nuruzzaman Milon

Programmer, Author and Tech Enthusiast

## Work Experiences

Present  
|  
May, 2016

### Senior Software Engineer

Telenor Health AIS (<https://telenorhealth.com>)

📍 Dhaka, Bangladesh

Manage several micro-services, write and review code for high traffic web services, take the architectural decision, manage a team of 4 developers and 3 interns.

#### • Tonic SMSC

- SMS sending and receiving hub for all Telenor Health SMS.
- Used Lumen as an application framework, PostgreSQL as database server, Redis as queue server, Supervisor as monitoring tool.

#### • Content as a Service (CAAS)

- Full fledged CMS for managing all health related article, health tips, mobile application cards for the website, iOS app and Android app.
- Used Laravel as application framework, PostgreSQL as database server, AngularJS as frontend framework.

#### • Tonic App Backend

- This application supports Tonic Mobile App (Android and iOS) with all the services, like authentication, invitation, content management, push notification and proxy for other internal services.
- Used Laravel as application framework, PostgreSQL as database, VueJS as frontend framework.

#### • Tonic Doctor Appointment Booking

- This project provides API for managing Doctor Appointment for Tonic.
- Used Laravel as application framework, PostgreSQL as database, Redis for storing cache and sessions.

#### • Tonic Core

- This project is the heart of all Tonic services. Provides all necessary logic and business insights through API in for other internal and external services.
- Used NodeJS express as application framework, KnexJS as query builder, BookshelfJS as ORM, PostgreSQL as database.

#### • Castro

- Castro is a campaign management tool for SMS, email and push-notification campaign for Tonic.
- Used Laravel as application framework, MariaDB as database server, Redis as queue server, VueJS as frontend framework, Supervisor as monitoring tool.

#### • Tonic Admin

- This is a BI and reporting tool for generating the various report, manage subscribers etc.
- Used Laravel as application framework, PostgreSQL as database server, Redis as queue server, VueJS as frontend framework, Supervisor as monitoring tool.

#### • Other Projects

- Tonic Billing - Billing service for Tonic
- Tonic Question and Answer - A community engagement platform for doctors and patients
- CarrotCake - A clinical information management system
- Navigator - A hospital and doctor directory for patients
- Tonic CRM - A customer relationship management tool for Tonic call center agents
- Configuration Management - Ansible and Jenkins based platform for automatic deployment
- Tonic Movers - A tool for sales and marketing team for ease of their job

April, 2016  
|  
February, 2015

### Software Engineer

WeDevs Ltd. (<https://wedevs.com>)

📍 Dhaka, Bangladesh

Requirement analysis, product design, application architecture, coding, testing, code review, manage version control system.

Manage a team of 6 developers, 2 software quality assurance and, 1 DevOps engineer, play the role as interim Chief Technology Officer for about a month.

#### • Rx71.co

- This is a huge monolithic application for the Rx71 health service, that includes Health article, symptom checker, doctor and hospital directory with booking, diet plan services.
- Used Laravel as application framework, MySQL as database server.

#### • Rx71 Hospital Management System

- A cloud-based hospital management Software as a Service (SAAS).
- Used Laravel as application framework, MySQL as database server.

#### • Rx71 Mobile App

- An HTML5 based hybrid mobile application for Rx71 services.
- Used AngularJS and IonicJS as main web based technology, also used socket.io for real time web chat.



## About Me

- Bestseller author
- Opensource evangelist and contributor
- Polyglot programmer, experienced working with different technology stack
- Algorithm based problem solver
- Scrum and agile enthusiast and practitioner
- Team player, experienced with managing team
- Conference speaker
- Technology community leader
- Technology blogger

## Language

- English
- Bangla

## Certifications

- Certified Laravel Developer
- Certified Scrum Professional®
- Certified Scrum Developer®
- Certified ScrumMaster®

## Contact Info

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Ali Mohammad Khan Road,  
Adarshobag, Konapara, Jatra-  
bari, Dhaka-1362, Bangladesh.

## Personal Info

- Nationality: Bangladeshi
- Marital Status: Married

January, 2015  
|  
September, 2013

## Software Engineer

Brotecs Technologies Ltd. (<https://brotecs.com/>)

📍 Dhaka, Bangladesh

Works on web technologies both in frontend and backend web development. Also works as business intelligence for creating various reports.

### • X2Phone VoIP Service

- X2Phone is a VoIP retailer management, billing and reporting tool.

### • AeroV Web GUI

- AeroV web GUI is settings panel for maintaining Asterisk Server and changes its configuration written in Perl, PHP and C. It also has access control, activity log and rollback feature.

### • Captive Portal

- Airplane entertainment module for Clarus LLC. It kept on a device called SAP-212, which is a call and application server that provides call, email and, other web browsing facility to passengers.

August, 2013  
|  
February, 2011

## Programmer and System Analyst

ITMedicus Bangladesh Ltd. (<http://itmedicus.com>)

📍 Dhaka, Bangladesh

Write and manage codebase, database and product design, handle clients.

### • Telemedicine Information Management and Education System (TIMES)

- This is a full-fledged telemedicine software, supports custom hardware for provide quality health care in rural areas.

## Skills

### • Technical Skill

- PHP, Node.js, C, C++, Java, Python
- Laravel, CodeIgniter, Symfony, AngularJS, ReactJS, VueJS, Express, Socket.io
- HTML5, CSS3, JavaScript, XML, JSON, AJAX, WebRTC
- REST, SOAP, JSON-RPC
- Agile, Scrum
- MySQL, PostgreSQL, SQLite, MongoDB, Redis
- PHPUnit, PHPSpec, Codeception, Behat
- Apache, Nginx, Tomcat
- Amazon AWS(EC2, S3, RDS), Google APIs, Payment Gateway(Stripe, Paypal, Braintree)
- Git, SVN
- Microservices, Docker, Jenkins, Ansible
- Configuring VPS with LAMP, LEMP, MEAN

### • Programming Skill and Awards

- Got 600+ accepted solutions at UVa Online Judge
- Winner at National Collegiate Software Contest (NCSC), 2011 held at Shahjalal University of Science and Technology (SUST)
- Participate of National Collegiate Programming Contest (NCPC), 2010 held at East West University (EWU) (Rank: 16).
- Participate of National Collegiate Programming Contest (NCPC), 2010 held at Daffodil International University (DIU) (Rank: 17).
- Participate of National Collegiate Programming Contest (NCPC), 2010 held at Islamic University of Technology (IUT) (Rank: 11).
- Participate of National Collegiate Programming Contest (NCSC), 2011 held at University of Dhaka (DU).
- Participate of National Collegiate Programming Contest (NCSC), 2010 held at Mawlana Bhashani Science University (MBSTU) (Rank: 4)

## Education

2013  
|  
2009

### • B.Sc Engineering in Information and Communication Technology

Mawlana Bhashani Science and Technology University

📍 Tangail, Bangladesh

- President, Society of ICT (Chief Organizer of 1st MBSTU ICT Fest)
- Member, Rotary Club of MBSTU

## Books and Publication

2015

### • Laravel PHP Web Framework

Dimik Publication

ISBN: 978-984-33-9190-2

2012

### • Roadmap Dermato-ICT Model and Possible Opportunity to Explore in the Field to Establish

## Links

🐦 @to\_milon

🐙 github.com/milon

🌐 linkedin.com/in/tomilon

🎤 speakerdeck.com/milon

🖥️ slideshare.net/milon521