Nuruzzaman Milon

Programmer, Author and Tech Enthusiast

💼 Work Experiences

Present | May, 2016

Senior Software Engineer
Telenor Health A\S (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 Cheif 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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Personal Info

- Nationality: Bangladeshi
- Marital Status: Married

January, 2015
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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
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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
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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