



MD. ABDULLAH AL MAMUN

Senior Software Engineer,
Microfin Development Team
Software Department
Datasoft Systems Bangladesh Limited
Shyomoli, Dhaka

ABOUT ME

I am a professional software developer from last 8+ years. I have experience in analysis, design, development, testing and implementation of application designing and development platform. I have good exposure to object-oriented design, software architectures, design patterns, test-driven development and Project Management.

CONTACT

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PERSONAL INFORMATION

Date of Birth : 25th November, 1988
Nationality : Bangladeshi
Religion : Muslim
Gender : Male
Marital Status : Married

Permanent Address: Vill+post:Rupgong,
Thana:Narail, Dist:Narail.

Present Address :House#2,Road#3,
Block-C, Novodoy Housing,
Mohammadpur, Dhaka

EDUCATION

Rajshahi University of Engineering and Technology (RUET)

February 2008 – October, 2012

B.Sc in Computer Science & Engineering(CSE), GPA is 3.35 out of 4

Narail Government Victoria College

January 2005 – July 2007

Higher Schools Certificate, GPA in 4.7 out of 5

Narail Victoria Collegiate high school

Examination: December 2004

Secondary School Certificate, GPA in 3.56 out of 5

PROGRAMMING SKILLS

Web Designing: HTML5, XML, CSS3, LESS, SASS,

Frontend Framework: Bootstrap, Google Materials.

VUE Framework: Vue Material Kit, Vuetify, Vue Material, Bootstrap-Vue.

JavaScript: JavaScript, JSON, AJAX, Axios, ES6,

JavaScript Framework: AngularJS, VUE.JS, NodeJS.

JavaScript Library: jQuery, ReactJS, NextJS

Programming Languages: C, C++, JAVA, PHP.

PHP Framework: Laravel, CakePHP, CodeIgniter, Symphony, Yii.

PHP CMS: Wordpress, Joomla.

Databases Language: SQL, PL/SQL.

RDBMS: MySQL, MS Access, Oracle, MSSQL, PostGRE, MongoDB.

Web Server: Apache Tomcat, Apache HTTP Server, XAMPP/WAMPP.

Real-time communication: Laravel Pusher, Firebase.

Version Controlling: Git, SVN, Github, Source Tree, Bitbucket.

Video Communication: jitsi, ZOOM API, Google Meet API.

Project Management Tool: JIRA, Trello, Microsoft Project, Redmine.

Software: Visual Studio Code, Sublime Text, PHP Storm.

Web Services API: SOAP, REST, RESTful, JSON API

Cloud Service: Digital Ocean, Amazon AWS, Microsoft Azure.

Project Management: Agile Scrum Methodology

Development Practics: DevOps

Authorization mechanisms: JWT, OAuth, SSO, SAML

Unit testing: UI testing tools like Mocha, Jasmine

Build automation: Grunt, gulp, webpack

CAREER OBJECTIVE

- Build dynamic, visually-attractive, end-to-end, and innovative software product/apps including front-end and back-end
- Able to design the user experience, user interaction, responsive design, and complete architecture
- Able to work with databases, servers, APIs, version control systems, and third-party apps
- Provide insights on continuous improvement and add/remove functionality as per needs
- Design strategy for continuous enhancement, performance optimization, stability, and scalability
- Stay updated with new tools, frameworks, approaches, and architectures in the development world
- Transform business needs into a finished product from conception to implementation
- Ensure cross-platform compatibility and fixing issues during test and production phases
- Handle a team of developers and communicate well with them for product roadmap/performance enhancement
- Lead a team of developers, designers, and network managers and ensure digital outcomes are in line with business objectives

WORK EXPERIENCE

Datasoft Systems Bangladesh Limited (Senior Software Engineer, Microfin Development)

Duration: 1 March 2021 – Continuing

As a Senior Software Engineer, I am responsibilities is to Microfinance application system (existing application) architecture design, development, database admirative, DevOps works monitor the project progress with version controlling and project management tools for successful client support.

- **Micro-Finance Application for 165 MFI**

Primeasia University (Assistant Director, Software Section)

Duration: 7 February 2017 – 28 February 2021

I am formal head in-charge software section of Primeasia University and my responsibilities is to system architecture design, assigned the project for my team members, monitor the project progress with version controlling and project management tool and create an environment for successful go live.

1. **Online Classroom Platform (Orbit OCP)**
2. **Student Tuition fees ePayment System**
3. **Dynamic Website**
4. **3rd Convocation Automation System**
5. **Faculty member online profile portal**
6. **Alumni Web Director**
7. **Online Admission System**

IBCS Primax Software (Bangladesh) Ltd (Programmer, Software Section)

Duration: 1st January 2013 – 31 January 2017

I was a programmer of software section of Primeasia University and I involved for application development, reporting, support and testing related work with various types of project

1. **Bangladesh Bureau of Statistics (BBS) Website**
2. **Oracle JD Edwards 9.1 ERP System - GMA Knitting & Composite**
3. **Website Design and Development**

CERTIFICATES

SN.	Course Title	Class Duration	Exam & Assignment	Certificate ID	Certificate Issued	School & URL
1.	<i>Frontend Fundamentals</i>	3 Hours 25 min.	Homework: 5 Project: 2	<i>9w89nrjekh</i>	2021-06-19	<i>Purple</i> https://www.purple.com/

PROFESSIONAL TRAINING

1. *“PHP ZEND” Certification training course from IBCS-PRIMAX Software (Bangladesh).*
2. *“Linux Shell Scripting” training course from VoiceTel Ltd.*
3. *Oracle “JD Edwards EnterpriseOne” ERP System training course from IBCS-PRIMAX Software (Bangladesh).*
4. *Participate on National Workshop on Trends in Telecommunication Challenge & Prospects in Bangladesh.*
5. *“Workshop on Microcontroller” in Rajshahi University of Engineering & Technology*
6. *Training on Project Management: Concept, Exam Overview & Certification Guidelines- by Bangladesh Computer Council (BCC) in 21th April, 2021 Wednesday 11:00am to 1:00pm.*

HONORS

1. *5th place in “Code Warrior Challenge” in 2014.*
2. *1st Runner-up for Software Competition CSE fest-2012.*
3. *4th position for Programming Contest CSE fest-2012.*
4. *4th place “Idea Contest 2012” by Robotic Society of RUET.*
5. *21th position in ACM ICPC Regional Competition (Dhaka, Bangladesh) November 2009 from RUET.*
6. *4th Position of Inter Department Debating Competition-09.*
7. *7th position in Young programming Contest in 2008.*
8. *1st position in RUET programming Contest in April, 2008.*
9. *Got Technical scholarship from year 2008 to 2012.*

PUBLICATIONS: -

1. **MD. Abdullah-al-MAMUN**, Firoz Mahmud, "*Performance analysis of isolated Bangla speech recognition system using Hidden Markov Model*", in International Journal of Scientific and Engineering Research(IJSER), Volume 6, Issue 1, January 2015 Edition ISSN 2229-5518 page 540-545.
2. **MD. Abdullah-al-MAMUN**, Firoz Mahmud , Aminul Islam,Syed Tauhid Zuhori, "*Automatic Speaker Recognition system using Mel Frequency Cepstral Coefficients (MFCC) and Vector Quantization (VQ) approach*" Proceeding of the International Conference on Electrical, Computer and Telecommunication Engineering 01- 02 December 2012 (ICECTE2012), RUET, Rajshahi-6204, Bangladesh;ICECTE2012; PI-0147.
3. Firoz Mahmud, **MD. Abdullah-al-MAMUN**, Mumu Aktar, Shyla Afroge, "*A Novel Training Based Concatenative Bangla Speech Synthesizer Model*" 2nd International Conference on Electrical Engineering and Information & Communication Technology (ICEEICT); May 21-23, 2015; Jahangirnagar University, Dhaka, Bangladesh; PaperID-670.
4. **Md. Abdullah-Al-Mamun**, Aminul Islam, "*Emblematical image based pattern recognition paradigm using Multi-Layer Perceptron Neural Network*" IOSR Journal of Computer Engineering (IOSR-JCE), e-ISSN: 2278-0661,p-ISSN: 2278-8727, Volume 17, Issue 6, Ver. II (Nov – Dec. 2015), PP 59-66.
5. **Md. Abdullah-Al-Mamun**, Tanjina Alam, "*An approach to empirical Optical Character recognition paradigm using Multi-Layer Perceptron Neural Network*" 18th International Conference on Computer and Information Technology (ICCIT), 21-23 December, 2015, Military Institute of Science and Technology, Dhaka, Bangladesh, Paper ID# 82, PP. 132-137.
6. **Md. Abdullah-al-Mamun**, Mustak Ahmed, "*Hypothetical Pattern Recognition design using Multi-Layer Perceptron Neural Network for Supervised Learning*", International Journal of Scientific & Technology Research, ISSN. 2277-8616, Volume 4, Issue 12, December 2015, pp. 97-102.
7. Ankur Ankan (Author), Abinash Panda (Author), **MD. Abdullah-al-MAMUN (Reviewer)**, "*Hands-On Markov Models with Python: Implement probabilistic models for learning complex data sequences using the Python ecosystem*", published by Packt Publishing, Paperback 178 pages, ISBN- 1788625447 <https://www.amazon.com/Hands-Markov-Models-Python-probabilistic/dp/1788625447>.