



MD. ABDULLAH AL MAMUN

Full Stack Web Developer
Senior Software Engineer
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📅 25/11/1988

🇬🇧 Bangladeshi

🕌 Muslim

♀ Male

👰 Married

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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. I am able to build dynamic, visually-attractive, responsive, end-to-end user experience, and innovative complete software architecture including front-end and back-end. Also work with databases, servers, tools, frameworks, approaches. APIs, version control systems, and third-party apps. I am capable to lead a team of developers, designers, and network managers and ensure digital outcomes are in line with business objectives.

Academic Qualification:

Institute Name	Examination	Department	Result (CGPA)	Board	Session
<i>Rajshahi University of Engineering and Technology (RUET)</i>	B.Sc	Computer Science & Engineering (CSE)	3.35 (Out of 4)	Rajshahi	2008 –2012
<i>Narail Government Victoria College</i>	HSC	Science	4.70 (Out of 5)	Jossore	2005-2007
<i>Narail Victoria Collegiate High School</i>	SSC	Science	3.56 (Out of 5)	Jossore	2004-2005

Training & Certification:

SN.	Course Title	Duration	Exam & Assignment	Certificate/Training	School & URL
1.	<i>Frontend Fundamentals</i>	5 Hours	Homework: 5 Project: 2	<i>Certification ID: 9w89nrjekh</i> <i>Certificate Date: 2021-06-19</i>	<i>Purple</i> <i>(www.purple.com/)</i>
2	<i>Python and Data Analysis</i>	7 days	Project: 1	<i>Certification ID: 2swFx8</i> <i>Certificate Date: 2021-10-02</i>	<i>Shape AI</i> <i>(www.shapeai.tech/)</i>
3	<i>Training on Project Management: Concept, Exam Overview & Certification Guidelines</i>	3 Hours	N/A	<i>Training Date: 21/4/2021</i>	<i>Bangladesh Computer Council (BCC)</i>
4	<i>“PHP ZEND” Certification training</i>	6 Months	Homework: 35 Project: 10	<i>Training Date: 14/1/2015</i>	<i>IBCS-PRIMAX Software</i>
5	<i>“Linux Shell Scripting” training</i>	3 Months	Assignment: 7	<i>Training Date: 24/7/2015</i>	<i>VoiceTel Ltd</i>
6	<i>Oracle “JD Edwards EnterpriseOne” ERP System training</i>	6 Months	Assignment: 10	<i>Training Date: 10/10/2014</i>	<i>IBCS-PRIMAX Software</i>

Awards:

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

Job 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 architecture design, development, database admirative, DevOps works monitor the project progress with version controlling and project management tools for successful client support.

- 1. Micro-Finance Application for 165 NGO of Bangladesh (<https://microfin360.com/web/>)**
The MicroFin360 is a web-based, dash-board driven Micro-Finance Management software specially developed for the Microfinance Institutes to automate their work-flow.
- 2. Artificial Intelligence based chatbot system using Google Machine Learning**
Google Machine Learning based chatbot is created by Google Speech-to-Text, NLP, Speech recognition for client support purposes.

Primeasia University (Assistant Director, Software Section)

Duration: 7 February 2017 – 28 February 2021

I am formal head in-charge software section 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) (<https://orbitocp.com/>)**
Real time eClassRoom provides to conduct online class room system for both student and teachers. This system design to be a Responsive Layout is that student-teacher can access this system through any device such like mobile, tablet, laptop or desktop.
- 2. Student Tuition fees ePayment System (<https://epayment.primeasia.edu.bd/>)**
Students can pay their tuitions fees, admission fees though 11 types Payment getaway that is SSL Commerz payment API.
- 3. Dynamic Website (<https://primeasia.edu.bd/>)**
Responsive, 3-Layer Architecture, Strong Security, Dynamic, Normalize Database, SEO-SMM Friendly, Large traffic can, SSL Certificate, Sub-domain for department.
- 4. 3rd Convocation Automation System**
Student able to register online to participant Primeasia University 3rd Convocation. Student can pay by ePayment system(SSL Commerz) for the convocation registration.
- 5. Faculty member online profile portal(<https://profile.primeasia.edu.bd/>)**
Administrative and Faculty Member can update- Personal, Contact, Academic, Research & Publication, Events & Award, Experience, Activities, Upload Documents.
- 6. Alumni Web Director**
Alumni web directory contains records of student of primasia who have graduated from this university. The web directory provides access to alumni student to login and update their data online.
- 7. Online Admission System (<http://www.primeasiaonline.com/>)**
Students can apply to get admission through online system. After complete the admission procedure by the student, admission officer can see the application and assigned this to the UMS application.

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

Duration: 1st January 2013 – 31 January 2017

I was a programmer of software section to involve for application development, reporting, support and testing related work with various types of projects.

- 1. Bangladesh Bureau of Statistics (BBS) Website**
This project is Bangladesh Government project under the Bangladesh Bureau of Statistics for maintains the website that includes HR Management, Payroll, PDS, PMIS modules.
- 2. Oracle JD Edwards 9.1 ERP System - GMA Knitting & Composite**
This is customized ERP System that is a business management software. I am working in Inventory, Sales, Order, Purchase and Finance modules.
- 3. Website Design and Development**
This project was responsive web site design and development, Server-side scripting, Database design and development and integration in the website for the different client.

Technical Skill

Web Designing: HTML5, XML, CSS3, LESS, SASS, Bootstrap, Google Materials.

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

JavaScript Framework: AngularJS, VUE.JS, NodeJS.

JavaScript Library: jQuery, ReactJS, NextJS

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

Python Framework: Django

PHP Framework: Laravel, CodeIgniter, Symphony

PHP CMS: Wordpress, Joomla.

Databases Language: SQL, PL/SQL.

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

RDBMS Tools: HeidiSQL, SQLyog

Real-time communication: Laravel Pusher, Firebase.

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

Web Services: SOAP, REST, RESTful, JSON API

Authorization mechanisms: JWT, OAuth, SSO

Cloud Service: Digital Ocean, Amazon AWS, Google Cloud Platform (GCP).

Web Server: Apache, Tomcat, XAMPP/WAMPP.

DevOps Tools: Jenkins(Build, Test, Deploy), Puppet(Deploy, Operate), Docker/Kubernetes(Build, Deploy, Operate)

Version Controlling: Git, SVN, Source Tree.

Repository: Github, Bitbucket.

Build automation: Grunt, gulp, webpack

Testing Tools: JUnit, TestNG, Selenium, PHPUnit

Project Management: Agile Scrum Methodology

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

UML, DFD, CFD Documentation: Microsoft Visio

System Architectue: Monolithic, Layer/Tier architecture, Microservices

Software Estimation Method: FP(Function Point), UCP(Use-Case Points)

IDE: Visual Studio Code, Sublime Text, PHP Strom.

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 Perceptorn 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 Perceptorn 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>.

References:

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Signature