

# G. M. Shaharia Azam

PHP Programmer, Web Technology Enthusiast

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## Specialized in

Developing highly reliable, secured web application with rich UI and strong programming language.

## Research interests

Web Technology, Startups, Computer Technology, IT Innovation.

## Languages

Bengali: Mother tongue  
English: Perfect oral & written fluency

## Education

2004

**Satkhira Govt. School**  
Secondary School Certificate  
Science group

2006

**Satkhira Govt. College**  
Higher Secondary Certificate

2006-2010

**Newport Unviersity CED**  
Bachelors in Science  
*Major in Information Technology*

## Programming Language

Server-side Language PHP

**Experience** - 6 years

**PDO** - Access database that enhances object-oriented functionality on the functions and mysql\_connect derivatives. This method of database access is more efficient and safe

**MVC** - Design-oriented programming that helps web servers libraries organize according to their functionality in Model, View and Controller

**Design Patterns** - Experience with several programming designs and how they relate and work among them

**PSR** - structure that takes advantage of all the features of object oriented programming in php for libraries easy to develop, maintain and operate with other libraries

**Frameworks** - Experience in the use of various frameworks ( *CakePHP, Slim, CodeIgniter, Zend Framework, Laravel* )

**CMS** - Experienced in most of the popular CMSs ( *Wordpress, Drupal, ZenCart, Joomla, Drupal* )

**TEMPLATE ENGINE** - Skilled in most popular PHP Template Engine ( *Twig, Smarty* )

**ORM** - Smart skilled in most popular Object-Relational Mapping (ORM) ( *PropeI* )

**DEPENDENCY MANGER** - *Composer*

Markup Language HTML5

**Experience** - 7 years

**Description** - Design interactive and responsive UI with the latest HTML5 technology that meet any kinds of requirement of clients. Liquid and responsive web interface to fit the apps in almost all device without any major change in core UI.

Client-side Scripting  
Language JS

**Experience** - 5 years

**Description** - Rich UI design with interactivity and better usability for users. User friendly UI design with great interaction, effects for advancement of web applications.

**Framework** - jQuery, jQuery Mobile (Mobile device friendly UI), Google Web Toolkit, Modernizr (JS feature detection library)

Style-sheet Language CSS

**Experience** - 6 years

**Description** - Describes the presentation semantics (the look and formatting) of a document written in a markup language. Responsive, liquid and grid layout concepts is very much focused to increase user's usability in various device. Interactive designing with modern look and feel to make any website or web apps more user-friendly and lookrative

**Framework** - Twitter Bootstrap 3.0/2.0, Blueprint, 960 Grid System and most popular CSS frameworks

Relational Database  
Management System  
(RDBMS) MySQL

**Experience** - 6 years

**Query** - Enough experience in security, performance standards and all kinds of SQL queries both in MySQL like other

databases

**Joins** - Extensive knowledge in use, optimization and debugging joins

**FullText** - They are used to optimize the searches of text within a Database, ideal to allow the user searches

## Tools and Technology

**Version-control System** - GIT, SVN, CVS, Mercurial

**Collaboration Tools** - Google Docs, Convo

**Graphics Design** - Adobe Photoshop, Adobe Illustrator, GIMP, Adobe Fireworks

**Project Planning and Problem Solving Tools** - Mind Map

**Diagram** - UML

## Extending and Customizing Open Source CMS

Wordpress

Joomla

Drupal

- Plugin Development, Theme Development

- Module Development, Template design

- Extending functionality and Template design

## API based solution and skill

**Email System** - Mandrill

**Google Developers** - Google Map, Google+, Google Wallet, Youtube, URL Shortener, Web Search

**Yahoo Developers** - Yahoo Weather

**Online Marketplace** - oDesk Developer API, Elance Programmers API

**Social Community** - Facebook Graph API for Facebook Apps Development, Twitter Developer API

**Others** - United Parcel Service (UPS) API, eCommerce Payment Gateway API (Paypal, Visa/MasterCard, 2CO, Authorize.Net), Amazon Web Service (AWS) API

## Cloud Server

**Amazon EC2 Cloud Server**

## Utilities and IDE

JetBrains PHPStorm, Sublime Text 2, Dreamweaver, Netbeans, Eclipse

## OS and Web Server

OS

Web Server

Ubuntu 12.04 (Desktop/Server Edition), Linux RHEL9, Windows XP, Windows 7

Apache 2, Nginx, Xampp, Wamp, LAMP, IIS

## Professional Experiences

2010

**Preview ICT Limited**

Sr. Web Developer

### Responsibility

-Build and develop reliable, secured and scalable web application in PHP language. To maintain all sorts of project and distribute and monitoring all programming codes, providing solution. Database design, maintenance.

### Duration

February 2010 to present

### URL

<http://www.previewict.com>

2012

**SpeedPlus Network**

Sr. PHP Programmer (Part-time)

### Responsibility

Build and develop a social featured micro-blogging platform from scratch in Zend Framework.

### Duration

July 2012 to February 2013

### URL

<http://www.nokkhotroblog.com>

2013

**Rhino Gutter Guard**

Software Engineer (Part-time)

### Responsibility

Develop a web application to manage product management and delivery system with custom access control.

**Duration**  
October 2013 to continue

**URL**  
<http://www.rhino-orkinportal.com>

2013

**InkFrog**  
Software Engineer (Part-time)

**Responsibility**  
Custom ecommerce sales tracking system for eBay seller/buyer.

**Duration**  
November 2013 to continue

**URL**  
<http://www.inkfrog.com>

## Membership and Communities

**PHP Programmers** -Founder and moderator of **PHP Programmers** community in Google Plus. More than 30K+ members. It's the largest community for PHP Programmers in whole Google+ communities. Community link: <https://plus.google.com/u/0/communities/104245651975268426012>

**Open Lab Scientist** - Founder of this remote research organization consist of few young IT professional who work on innovative ideas to create innovation.

**British Computer Society** - Associate member of British Computer Society which works on various fields of information and technology.

## Professional Portfolio Project 01

**Multi Level Marketing (MLM) Management**  
Four different types of multi level marketing management system developed with Binary Tree and automated matching system integrated.

**Features**  
-Complex Binary Tree Setup and CRUD operation  
-Generation calculation through Binary Tree  
-Automated Matching  
-User Profile Management  
-Billing and Payment Module  
-Automated Messaging and Mailing system  
-Optimized Database Query for more than 1000+ query at a time

**Framework and Language**  
-Twitter Bootstrap (Front-end and UI development) -CakePHP (Core functionality development)

**Project URL** <http://www.patriot-bd.com>

Project 02

**Social Micro-Blogging Platform Development**  
Micro-blogging platform development from scratch with basic blogging and social feature integration.

**Features**  
-User can write/edit/delete blog post, literature, poem even serialized post  
-User can follow other user  
-Privacy Management  
-User Profile Management  
-Social Facebook like wall  
-Real time chatting  
-Customized interface by each user

**Framework and Language**  
-Twitter Bootstrap (Front-end and UI development) -Zend Framework (Core functionality development)

**Project URL** <http://www.nokkhotroblog.com>

Project 03

**Local Directory Management Portal**  
Local jobs, local advertisements, local listing management portal in Bangladesh.

**Features**  
-User can post his products, CV, job circular, to-let advertisements and various kinds of offers.  
-Internal Messaging  
-Administrative Management module  
-Interactive report design and development  
-Security and Spam protection  
-Real time update

**Framework and Language**  
-Twitter Bootstrap (Front-end and UI development) -CakePHP (Core functionality development)

**Project URL** <http://www.satkhirainfo.com>

Project 04

**Next Generation Bangladesh Portal**  
The first Geo location based web portal in Bangladesh.

### Features

- User can search offers or deals by entering their address.
- Geo location detection and user's personal preference data collection by artificial intelligence capability of programming language.
- Offer or deal posting by general user
- Automated 'Offer you may like most' type robotic data mining technology
- Billing and Payment Module development
- Security enhancement and optimized for cloud server
- Real time update
- Customized Google Maps with local information

### Framework and Language

-Twitter Bootstrap (Front-end and UI development) -Raw PHP helper and module development -CakePHP (Core functionality development)

**Project URL** <http://www.bdnxt.com>

Project 05

#### Official Website of Newport University CED

Official website of an international university developed by customizing wordpress.

**Project URL** <http://www.newportuniversity.edu.lv>

Project 06

#### Personal Website

Personal website of (myself)G. M. Shaharia Azam.

**Project URL** <http://www.shahariaazam.com>

Project 07

#### Satkhira Consulting Firm limited

Official website of Satkhira Consulting Firm limited.

**Project URL** <http://www.scflbd.com>

Project 08

#### Official website of Preview ICT

Official website of Preview ICT Limited which have automated domain, hosting and billing management system for clients.

**Project URL** <http://www.previewict.com>

Project 09

#### Wordpress Plugin

Wordpress official plugin for Search Engine Optimization which has been published and stored in official plugin repository of Wordpress.

**Project URL** <http://wordpress.org/plugins/title-research/>

Project 10

#### Google Chrome Apps

Real time offer notification alert apps for Google Chrome.

**Project URL** <https://www.previewict.com/sites/chromeapp>

Project 11

#### SalesBin (Sales Tracking System for eBay)

Track sales for eBay ecommerce market place.

**Project URL** <http://www.salesbin.com>

Project 12

#### Rhino-Orkin Job Portal

Product delivery and job tracking system for Branch, Dealer, Account Manager with custom permission sets built in CakePHP

**Project URL** <http://www.rhino-orkinportal.com>

\*and few more...\*

## Personal Information

**Name of Father** - G. M. Nowsher Ali

**Name of Mother** - Aklima Begum

**Date of Birth** - 26 November 1988

**Blood Group** - B+

**Marital Status** - Single

## Interest

Reading books, Reading and writing blog, Solving problem, Innovation, Travelling, Making new friends

## Important Links

To explore more about my professional footprints you can navigate to the following links-

**GitHub Repositories** <https://github.com/shahariaazam>

**Social Fan Page** <https://www.facebook.com/shahariaazamweb>

**Personal Blog** <http://www.shahariaazam.com>

## Reference

**Chowdhury Mrinal Ahmed**

President, Newport University CED

Bangladesh Campus.  
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**Yusuf M. Islam**

Director, Daffodil Human Resource Development Institute  
Dhaka, Bangladesh.  
ymislam@gmail.com

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(G. M. Shaharia Azam)