

# Soroush Atarod

**e-mail:** soroush.atarod@outlook.com

**Mob:** 0044 746 233 7052

**Linkedin:** <http://uk.linkedin.com/in/soroushatarod>

**Website:** <http://soroushatarod.github.io/>

**Github:** <https://github.com/soroushatarod/>

**Address:** Newcastle Upon Tyne

## SKILLS

### **PHP:**

- Developing websites using MVC frameworks such as Codeigniter.
- Developing Wordpress CMS and Plugins.
- Experience developing E-commerce websites in Codeigniter, Classified websites in custom MVC framework, and other PHP Web Applications
- Experience installing and managing version control software such as Perforce for teams of more than 10 programmers
- Experience working in development and production environment and can program codes for different environments.
- Can handle heavy traffic websites by integrating Memcache, APC, Sharding and profiling codes through XDebug.
- Can Benchmarks codes before releasing to production using Xdebug profiling and Wincache grind.
- Familiar databases such as mySQL, MongoDB and Couchbase.
- Can produce and consume web services to be used by third party developers
- Optimize website load speed using proper caching, efficient sql queries, minifying files, CDNs and proper configurations.
- Write secure code from known security attacks such as XSS, SQL Injection, bypassing authentication ...etc

### **LAMP:**

- Building and managing scalable websites using Amazon web services and Heroku.
- Creating development environments for the projects, each developer having their own programming environment.
- Mapping of Linux drives to windows, for the development of project.
- Managing user accounts on Linux.
- Programming shell scripts to increase the team's productivity.
- Managing the php.ini and httpd.conf for the production and development environment.
- Installing and configuring of LAMP on virtual machines.

## Other Skills:

**Development IDEs:** Netbeans, Eclipse, Visual Studio.

**Languages:** PHP, C#, C++

**Version Control:** Perforce, Git, Bitbucket

**Mobile Development:** Android (owning one application on the market)

**Website Design:** HTML, Javascript, CSS, jQuery, Twitter Bootstrap

**PHP MVC Frameworks:** Codeigniter (Experience), Symfony (Beginner )

**PHP CMS Development:** Wordpress (Experience)

**Other:** Memcached, APC, xDebug, Couchbase, MongoDB, PhpExcel, Windows Application Development, Cacti, Amazon EC2, PHPunit,

## Employment Experience

### **Back-End developer - PHP**

Thermionix Newcastle Upon Tyne, U.K, March to present

Developing and designing portals in Symfony 2 MVC and Bootstrap.. Web services is being used as source of interaction to the database.  
The portals are designed using Twitter Bootstrap (Responsive)

### **Junior Backend Server PHP Programmer**

UBISOFT Abu Dhabi, U.A.E - June 2012 to Jan 2013

Latest studio of UBISOFT. I was selected as one of their first in-takes.

- Performed Stress Testing using Apache Jmeter on Couchbase, MongoDB and Mysql. Used Cacti as source of analysis to create reports which included the benchmark of each databases.
- Developed a web application which read data from excel document. Used PHPEXcel as the library.
- Worked on a custom PHP engine, Added several libraries such as asset control system, integrating with memcached and APC cache.
- Provided back-end support to the front end developers, providing Facebook user data, game support etc
- Programmed Database Abstraction Layers which can be extended and use different types of database types.

- Wrote Shell scripts, to patch environment configuration of developers and automating installation of Linux for new developers.

## **Freelancing - Developed and Managed the projects below**

- Moojome - <http://moojome.com/> (PHP, mySQL, html, css, jQuery - Codeigniter MVC E-commerce Site)
  - Handled the development of the entire website for an online store named Moojome in Dubai.
  - Programmed Cart System, Checkout, Login/Registration, Facebook Integration.
  - Programmed Search mechanism, users can search through products and pagination.
- Silver Art - <http://project35.infinitypp.com/> (PHP, mySQL, html, css, jQuery Wordpress CMS)
  - A single page search engine friendly Wordpress CMS website for a interior design named Silver Art in Dubai
  - Two custom plugins were written from scratch – Background slider and Slide show plugin
  - Multi-language support
- Musaada - <http://gb.musaada.com/> (PHP, mySQL, html, css, jQuery - Classified Website in Custom MVC Framework)
  - Developed and designed the entire websites in a custom MVC PHP framework.
  - Implemented Memcache and APC as caching layers, able to handle heavy load
  - Configured and managed the Development environment.
  - The homepage is the one page which the design was outsourced. The rest were designed by myself.
  - Integrated Twilio SMS library, GeoIP for detection of IPs and spam prevention libraries.
- BOST - [Youtube Preview of the System](#) (PHP, mySQL, html, css, jQuery - University Blackboard System)
  - Worked with a team of three, to develop a university blackboard system for [BOST](#)
  - Program ACL for various portals.
  - Developed and designed the teachers, student and registrar portal.
  - Configured development environment for the developers
- HR Management - [https://www.youtube.com/watch?v=Jha\\_iD5j\\_nQ](https://www.youtube.com/watch?v=Jha_iD5j_nQ) (C#, sqlLite - Windows form - I.T Solutions).
  - Developed a windows application for an HR agency, helping them to handle clients more effective.
  - The program is able to generate reports in word, pdf and excel.
  - Features database connectivity and login/ register mechanism.
- Hotel Management System - <https://www.youtube.com/watch?v=GPCu5GUgS4c> (C# Windows form - Novotel)
  - A C# Windows Application which manages the customer checked-in, booking of the hotel rooms.
  - Worked with a team of four. I designed and developed the View and Controller except the payment mechanism.
- Android Application - <https://play.google.com/store/apps/details?id=com.my.trial> (Java Android) - 40 Downloads
  - Application which notifies students when their assignment is due..
  - Feature's: Alarm Manager, Notification Service, List Activity, Database Connectivity.

## **EDUCATION**

### **Masters in Computer Game Engineering - Final Year Project (distinction)**

Newcastle University, Newcastle upon Tyne, U.K- Sep 2013 to Sep 2014

A one year MSc degree which focuses on C++ game engine development.

Modules: Enterprise Website Development: Designed and developed a website from scratch - distinction

Multiplayer Racing Game developed from scratch - I contributed the networking aspect of it - distinction

### **Bachelors in Computer Science - GPA 3. 2**

University of Wollongong, Dubai, Feb 2008 to Sep 2011

A four year which focuses on algorithms, project management and windows application development.

## **AWARDS**

**Global Start-up Youth Summit, 2013- Malaysia** - <http://www.globalstartupyouth.org/>

Selected as a Coder and an entrepreneur to develop applications based upon requirements.

## **VOLUNTARY EXPERIENCE**

### **Bookstore Assistant, Oxfam, Newcastle upon Tyne, 2011 ~ United Kingdom.**

I volunteered for a period of three months, as a bookstore assistant. Duties: helped customers, sorted and priced books as-well as cashier teller.