

# Resume

Umair Anwar

03215405363

[umair.anwr@gmail.com](mailto:umair.anwr@gmail.com)

House# BXIV 200 Jada Jhelum

## SUMMARY

More than 5 years of experience in Object Oriented Programming and Web Development and with last two years as Team Lead. I am good in multitasking and team work. I am fan of continuous integration, and agile environments.

## PROFESSIONAL SKILLS

*Specialties:* Web Services, AWS EC2/RDS/SES/Elastic-Cache using Memcached, PHP/MySQL/CI, JavaServlets and JSP, Linux Hands On, Git

*Programming Languages:* PHP, Java, C/C++ (DOS based), JavaScript

*Frameworks / Libraries:* MVC using Codeigniter, JQuery

*Databases:* MySQL (Designing and Architecture, Replication)

*Tools:* MySQL Workbench, Firebug, Hackbar, Putty, YSlow

*Platforms:* Windows ME/2000/XP/Vista/7, Ubuntu 10/12.04/14

*Cloud Platforms:* AWS EC2, Writing Auto-scaling policies, Google App Engine, Google Cloud

*Load Balancing:* HA-proxy

*Linux Tools:* Top, VI editor, make

*Performance:* Memcached, CI benchmarking/profiling, CI filebased caching, CI query caching, Query Caching, Indexing, Code and Query optimizations.

*Security:* Good in Cryptography concepts.

*APIs:* HighCharts, Oauth, PayPal Payment Pro, Secure-net, First Data Global Gateway

*Web Service Data Formats:* JSON, XML, SOAP

*Others:* Strong knowledge of the Object Oriented Programming, SQL, HTML5, CSS

Hobbies:

Android Application Development using different technologies just for fun. Currently, I am developing a music application in java using material design.

You may find the application developed and published by me at:

<http://www.mobogenie.com/developer/umair-anwar.html>

## PROFESSIONAL EXPERIENCE AS TEAM LEAD PLUS DEV-OPS ENGINEER

**Altair Technology**, Islamabad Pakistan, December 2013 - Present.

**Position:** Team lead plus DevOps Engineer

### Responsibilities

My primary responsibilities can be categorized into 3 roles;

- Development:
  - Design and architect web applications and services.
  - Provide technical expertise in web.
  - Collaborating with other teams and driving requirements into solutions.
- Service Monitoring:

- Servers monitoring and remain on call and if any issue occurs.
- Resolve issues by interacting with technical and non-technical people.
- Helping the Team:
  - Assigning tasks to team members.
  - Reviewing other team members' code.
  - Merging and deploying code.

## PROJECTS

**Project:** Setting up database replicas in different regions and load balancing between read replicas in a region.

### Responsibilities

- Setting up ha-proxy and read-replicas and distributing load across these replicas.
- Monitoring DB servers and Optimizing Queries.
- Used: MySQL, RDS, HA-Proxy.

**Project:** Using GIT version control and Training Team.

### Responsibilities

- Semantic Versioning.
- Enforcing coding conventions.
- Creating Procedure for creating and giving Software Releases to QA.
- Reviewing Code.
- Training Team.
- Used: GITLab, SourceTree.

**Project:** Centralized Logging System for all Servers Using ELK Stack

### Responsibilities

- Setting up servers with log reporting agents which push logs to a central system.
- Setting up Kibana to view the logs from elasti search.
- Used: Logstash, Elasti Search, Kibana.

## PROFESSIONAL EXPERIENCE AS SOFTWARE DEVELOPER

**Altair Technology**, Islamabad Pakistan, October 2010 – December 2013.

**Position:** Software Engineer

## PROJECTS

**Project:** Restful Web Services for IPTV boxes, Tablets and for Android and IOS Applications. **Jan 2012 – Dec 2013**

### Responsibilities

- Building JSON and XML based Restful Web Services.
- All server side scripting in PHP.
- Database designing and implementation.
- Used: PHP, Apache, MySQL, Codeigniter

**Project:** Video Management Portal for JadooTV, Inc. **March 2011 – Dec 2013:**

To build an online admin panel for different JadooTV online applications and merging the previous separate systems into one system using same code base. Thus making the whole system consistent, connected and more reliable.

### Responsibilities

- Implementing web interfaces using HTML, CSS, and Javascript.
- All server side scripting in PHP.
- Database designing and implementation.
- Used: PHP, Apache, MySQL, Dreamweaver CS5, Windows XP, IE Tester, Codeigniter

**Project:** MyJadoo Application for JadooTV, Inc. **Jan 2011 – March 2013:**

Building an online application for users/customers of JadooTV, Inc. to enable them to create their account, add channels, subscribe to channels, share channels and join groups. So that these channels and groups appear on their IPTV (JadooTV Box). Also building admin panel for MyJadoo to manage users/channels/groups.

### Responsibilities

- Implementing web interfaces using HTML, CSS, and Javascript.
- All server side scripting in PHP.
- Used: PHP, Apache, MySQL, Dreamweaver CS5, Windows XP, IE Tester, Codeigniter

**Project:** Online Shop for JadooTV, Inc. **Oct 18, 2010 – Jan 03, 2011:**

Building an online shop for JadooTV(IPTV), Inc and integrating it with PayPal Website Payment Pro for online payment. Also, building its admin panel to manage the orders, customers, and to generate reports efficiently.

## **Responsibilities**

- Implemented the user interfaces (UI).
- Coded in PHP to handle all server side requests.
- Integrating with other systems and tools utilizing web services and APIs including Paypal Website Payment Pro, Google Checkout, First Data Global Gateway.
- Used: PHP, Apache, MySQL, Dreamweaver CS5, Windows XP, IE Tester

## **Project: Reseller Request System for JadooTV, Inc. Oct 2010 – Nov 3, 2010:**

To build an online application for resellers of JadooTV, Inc. to enable them to create their account, add channels, subscribe to channels, share channels and join groups. So that these channels and groups appear on their IPTV (JadooTV Box)

## **Responsibilities**

- Implementing web interfaces using HTML, CSS, and Javascript.
- All server side scripting in PHP
- Database designing and implementation.
- Used: PHP, Apache, MySQL, Dreamweaver CS5, Windows XP, IE Tester, Codeigniter

## **INTERNSHIP AT UNIVERSITY OF GUJRAT**

Three months Internship at Software Development Cell, University of Gujrat. It involved development and maintenance of University Information System.

## **EDUCATION**

MS in Information Technology, National University of Science and Techlogy (NUST), Islamabad, Pakistan.  
[Result Awaiting]

MSc in Information Technology, University of Gujrat (UOG), Gujrat, Pakistan.  
2008-2010 GPA is 3.46

## **CERTIFICATIONS**

1. Ethical Hacking, Trillium Information Security Systems (License# 0052449), March 2014.
2. Certificate in Computer Hardware, Military College Jhelum.

## **HONORS**

I stood 3<sup>rd</sup> in All Pakistan Computer Science Quiz Competition in FAST-NUCES

## **REFERENCES**

References will be provided on demand.