Umair Anwar

Software Engineer

Personal Details

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DOB: 23/09/1988
Nationality: Pakistani

Personal Skills

Managing workload
Empathetic and Flexible
Competent, Creative and Resourcefulness
Analytical and interpersonal skills

Professional Skills

Specialties:
1. Web Services
2. Managing AWS Cloud
3. Open-source technologies
   - PHP, JavaServlets and JSP
   - MySQL
   - HTML, CSS, Javascript
4. Object oriented concepts
5. Linux Hands On
6. GIT version control

Language Skills

English	Working Proficiency
Punjabi	Mother tongue
Urdu	Native

Certifications

- Ethical Hacking, Trillium Information Security Systems (License# 0052449), March 2014.
- Certificate in Computer

Areas of Expertise

- Good understanding of typical multi-tier architectures: web servers, caching and load balancers.
- RDBMS (MySQL), NoSQL.
- Experience with CDN and performance concepts.
- Experience with HTTP and DNS.
- Good understanding of TCP/IP protocol suite.
- Knowledge of developing RESTful Web Services
- Familiarity with the software development lifecycle.
- Work experience with information and application security.
- Good AWS knowledge.

Professional Experience

Experience as Freelancer

Project: Third party video portal for PakWeb. **Present**

Responsibilities

- Building responsive html user interface.
- Using Google datastore for storing data.
- Used: Bootstrap, JavaServlets and JSP

Experience as Teamlead

Altair Technology, Islamabad Pakistan, December 2013 - Present.
Position: Team lead

Responsibilities

My primary responsibilities can be categorized into 3 roles;
- Development:
  o Design and architect web applications and services.
  o Collaborating with other teams
- Service Monitoring:
  o Servers monitoring and remain on call and if any issue occurs.
  o Resolve issues by interacting with technical and non-technical people.
- Helping the Team:
  o Assigning tasks to team members.
  o Reviewing other team members' code.
  o Merging and deploying code.

Projects

Project: SmartTV App. **Present**

Responsibilities

- Restful Web-services.
- HTML5 App

Project: Web Services for IPTV box [Jadoo4]. **Jan 2013 – Jan 2015**

Hardware, Military College Jhelum.

Education

- MS in Information Technology, National University of Science and Technology (NUST), Islamabad, Pakistan. Completion Year: 2015

- MSc in Information Technology, University of Gujrat (UOG), Gujrat, Pakistan. Completion Year: 2010

Honors

- I stood 3rd in All Pakistan Computer Science Quiz Competition in FAST-NUCES.

Responsibilities

- Collaborating with other teams.
- Building JSON and XML based Restful Web Services.
- Database designing and implementation.
- Used: PHP, Apache, MySQL, Codeigniter, SOAP

Project: Web Services for Tablets [JadooTab8], Android and IOS Applications [JadooGO]. **Jan 2014 – Jun 2015**

Responsibilities

- Collaborating with other teams .
- Building XML based Restful Web Services.
- Database designing and implementation.
- Used: PHP, Apache, MySQL, Codeigniter, oAuth.

Project: Setting up database replicas in different regions and load balancing between read replicas on Amazon Cloud.

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.

Experience as Software Developer

Altair Technology, Islamabad Pakistan, October 2010 – December 2013.
Position: Software Engineer

Projects

Project: Restful Web Services for IPTV boxes. [Jadoo2 and Jadoo3] 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 inluding 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
	References
	Available on request. .