

Resume

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SUMMARY

Five years of experience as software engineer in Web Technologies. I am good in multitasking and team work.

GENERAL IT KNOWLEDGE

- ☐ Good understanding of typical multi-tier architectures: web servers (Apache), caching, application servers, and load balancers.
- ☐ RDBMS (MySQL), NoSQL.
- ☐ Working knowledge of messaging and queuing services.
- ☐ Familiarity with loose coupling and stateless systems.
- ☐ Understanding of different consistency models in distributed systems such as filesystems, databases, optimistic replication systems or Web caching.
- ☐ Experience with CDN and performance concepts.
- ☐ Network experience with route tables, access control lists, firewalls, NAT, HTTP, DNS, IP and OSI Network.
- ☐ Deep understanding of TCP/IP protocol suite.
- ☐ Knowledge of developing RESTful Web Services, XML, JSON
- ☐ Familiarity with the software development lifecycle.
- ☐ Work experience with information and application security including public key encryption, SSH, access credentials, and X.509 certificates.

AWS KNOWLEDGE

- ☐ Hands-on experience using compute, networking, storage, and database AWS services.
- ☐ Professional experience architecting large scale distributed systems.
- ☐ Understanding of Elasticity and Scalability concepts.
- ☐ Understanding of network technologies as they relate to AWS.
- ☐ A good understanding of all security features and tools that AWS provides and how they relate to traditional services.
- ☐ A strong understanding on how to interact with AWS (AWS SDK, AWS API, Command Line Interface, AWS CloudFormation).
- ☐ Hands-on experience with AWS deployment and management services.

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

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

CERTIFICATIONS

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

HONORS

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

EXPERIENCE AS TEAM LEAD

Altair Technology, Islamabad Pakistan, December 2013 - Present.

Position: Team lead

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

Responsibilities

- Collaborating with other teams.
- Driving requirements into solutions
- Building JSON and XML based Restful Web Services.
- All server side scripting in PHP.
- 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 and driving requirements into solutions
- 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.

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.

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 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

REFERENCES

References will be provided on demand.