

Hamid Reza Fahimi Madjd

Senior Software Developer, Team leader

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I've never ever tired of challenge to two things in my life:

#1 learning and using new technologies and skills related to my job to create new solutions and solve problems.

#2 Travelling and exploring unknown places, climbing new peaks and photographing of them.



EDUCATION

Sep 1999 - Sep 2003 Azad University, Tehran Jonoob Tehran/Tehran , Iran
Software Engineering/Computer, Bachelor(BSc/BA)

IT Skills

Languages and technologies

- Java web technologies(servlet, jsp, jstl, jdbc), MVC, REST Api
- Familiar with Spring, Hibernate, JSF
- PHP, MVC, php graphviz, dot language
- ajax, xml, html, css, javascript, jQuery

Databases

- Oracle 9i (Designer, PL/SQL)
- MySQL
- Postgresql
- Ms Sql Server
- familiar with redis
- familiar with solr

Web/Application servers

- Apache
- Apache Tomcat

IDE

- IntelliJ Idea
- PHP Storm
- gedit
- vim

Desktop & Server

- Desktop: Linux CrunchBangPlusPlus (Debian distro)
- Server: Deabian, CentOS

Version Control

- git
- svn

WORK EXPERIENCES

Sept 2009 – Present

Parliament Research Center

Tehran, Iran

Software department Manager, System/Database Analysis/Designer, Senior Web based application Developer

Since 2009 till 2013 I was System/Database Analysis/Designer and Senior Web based application Developer and after that I got Software Management role as well. Technologies that I use there are Java EE/SE, PHP 5, MySQL, Apache, DOT Language, Petri Net for workflow engine

1. Petri Net Workflow Engine

For developing Report Publishing System we needed a workflow engine to handle it. I researched about various workflow engines in PHP and after all I decided to implement a workflow engine using Petri Net algorithm.

2. Report Publishing System

I put the system's tasks (~15 tasks), roles and users on own workflow engine and it has been working since May 2015.

3. rc.majlis.ir website

At the beginning of my job there, I started to write a MVC framework (PHP) for them from scratch and implement all of their website under one reference website named rc.majlis.ir using the framework. In the website I implemented all sub-systems like Law/Legal Draft System, news, parliament agenda, member of parliament page, rc (research center) reports, forums and ...

4. Synchronizing system

Whereas the website's server was in other network zone we needed to synchronize internal server with it and again because we need synchronizing over data and file I wrote a multi threaded Java program that did that for us.

5. Portal

Every employee on the office can access to salary Fiche, HRM information, authorized systems like saloon reservation, report publishing, insurance license and other systems using portal. In addition there is news system to notify all employee from last news about office.

6. Reservation system

To manage sessions and saloons at office we developed a system that any user request a reservation saloon/time till next month and other users could not access to the saloon at that time. I was System/Database designer in the project.

7. Salary Fiche

each employee can access to his/her salary fiche after login

Jun 2003 - Sept 2009

Datis Pars

Tehran, Iran

System/Database designer, Senior web based application developer

I was senior programmer in Datis Pars. The technologies that I engaged in datis to develop web based applications were Java EE 5 (EJB, JSP, Servlet, JSTL), PHP (4 & 5), Smarty (Template engine for PHP) as languages, Apache & Tomcat as web/app server, Oracle 9i, MySQL and MS Sql Server as Database server and Ubuntu (for developping) and FreeBSD(for deploying) as Operating Systems.

Some of projects that we had role on it are:

1. Datak (second major ICP in Iran) ADSL & IPW Radius System: Because of the previous radius's database was on SQL Server and didn't have a good performance on high load, Datak decided to change the database and switched to MySQL 5 on FreeBSD. So this project assigned to Datis, we started to design a database and implement many stored procedures and routines from scratched. This system is under high load now (at least 200 sp call per second) and acting as heart of Datak.

2. Datak OSS system: A web based application that has modules like customer care, finance, sales (ADSL, IPW, NextNet), accounting, technical support and other things

what an OSS system needs to them. I was in charge of design and implement Technical support, Ticketing, Call Center, Monitoring outdoor servers and etc. modules. Technologies that we have been using are Java EE 5, MySql 5 and Tomcat on FreeBSD. The project has been started since 2 year ago and it's on its leading way.

3. Datak's website (epayment section): Datak's website has a section that users can upgrade/downgrad and renew them services. For this sections i implemented Saman and Parsian Bank apis.

4. Mondrian (OLAP Reporting system): Mondrian is open source software from Pentaho that defined as "Mondrian is an OLAP server written in Java. It enables you to interactively analyze very large datasets stored in SQL databases without writing SQL." I used this software to generate cube and multi dimensional reports for some systems that I've developed in Datis Pars such as Datak OSS System

5. BadrSun Sales system: A web based sales application that we used Java, Oracle and Tomcat technologies on Ubuntu to develop it.

6. oyax.com: A bookmark sharing system that we used PHP 5, MySql and apache on FreeBSD.

7. some plugins for WordPress

Oct 2008 - Dec 2008

Rahnamoon

Tehran, Iran

System Designer/Developer

1. Distributed Package Installer: I was in charge of design and develop an application that could handle package installation on distributed network. I used Java SE, Java ftp client and Java socket to handle ftp and get/send command to other specific socket and Java EE (Servlet, jsp and jstl) to implement management console.

Mar 2001 – Mar 2006

Tavanir Company

Tehran, Iran

System/Database designer, Senior web based application developer

Tavanir is a subcompany of Iran Power Ministry. I was senior programmer in Tavanir who in charge of analyze, design and implement web based and windows applications. I used PHP and ASP (classic), Oracle 9i/MS Sql Server and Apache/IIS to develop our systems. For windows applications, I used Visual Basic 6 and Oracle 9i as well. Some of projects that we involved in are:

1. Power plant Fuel System: A web based application that operators entered daily used fuel in every powerplant and abled them to get many reports about them. I use ASP, Oracle and IIS in the project.

2. Iran Grid Management Company, Power Market System: I used ASP, Oracle and IIS on windows for web based part and Visual Basic and Oracle for windows application part.

The project was about buy power from powerplant. There was a web based application that each powerplant logged in to it and entered the price of power and Grid Management Company by using system's report and notifications decided to buy power from which powerplant.

3. Human Resource System: I used PHP, Oracle and Apache on Linux for it.

Apr 2006 – Jun 2006

Idehnegar

Tehran, Iran

System/Database designer, Senior web based application developer

Ideh Negar is biggest ICP in Iran, They wanted to have **eshop** on their site that able them to sale internet. So I developed the eshop using PHP, MySQL and Apache on unix.

Feb 2001 - Jul 2001

KSS

Tehran, Iran

Senior web based application developer

I was in charge of project that Agricultural Ministry was owner. I used ASP, Ms Sql Server and IIS on windows for them.

Sep 1999 - Feb 2001

PCA

Tehran, Iran

Database designer, web based application developer

PCA major work was Internet reselling but they had software team as well. We developed a portal web site called hasht.com. we used ASP, Ms Sql Server and IIS on windows.

LANGUAGES

- Persian (Farsi) Native
- English Intermediate