Mohsen Ahmadian

Software Developer, Senior Full-Stack Developer, Software Architecture

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Summary

Application Developer, Database Administrator, and Project Manager in a wide variety of business applications. Particularly interested in client/server and relational database design using Oracle, MySQL, and MS-SQL Server. Always interested in migration projects, as well as close interaction with the DB manufacturers.

Specialties: Full stack developer

Experience

Full stack developer at Kompany360AG
(JAVAEE, PHP, NodeJS, TypeScript, React, Python, MySQL, Docker, Teamcity(CI/CD), Youtrack(Agile))
February 2019 - Present

Professional Freelancer at in my home office
March 2017 - February 2019

Project manager at G-Chip
February 2003 - 2017 (14 years 2 months)

IT Manager at Zagros University
January 2011 - April 2012 (1 year 4 months)

Skills & Expertise

Software Engineering	**Software Project Management**	**C#**
Databases	**Microsoft SQL Server**	**XML**
Software Design	**MySQL**	**Programming Database design**
PHP	**SOA**	**OOAD**
Enterprise Architecture	**NodeJS**	**jQuery**

Bootstrap	SOA	Java/J2SE/J2EE
React	TypeScript	Postgres
Vue.js	CSS/HTML/JS	UML
Raspberry Pi	Arduino	C / C++
Wordpress	Joomla	**PrestaShop**
Docker	AWS	**Agile (SCRUM)**
Teamcity	Youtrack	**Webservice**
Dart (Flutter)	Micronaut	**Microservices Architecture**

Education
University of Vienna
Computational Science, 2018 – 2020 (Not Finished)
Kermanshah University of Razi
Bachelor, applied mathematics, Software Engrining, 2002 - 2008

Licenses & certifications
The Linux Foundation

LFW212: Node.js Services Development

Issuing authority: The Linux Foundation

Issued date : Jan 2021 ,No Expiration Date

Credential Identifier Credential ID LF-g0vfkwdql1

Interests
I love Programming with Java, NodeJS, TypeScript and Dart.
Docker is a new world and I'm a Professional Sailor who want to be a Capitan.

Languages

English	(Professional working proficiency)
Persian	(Native or bilingual proficiency)
Deutsch	(Elementary proficiency B1)

Projects

The projects listed below just I worked when I was working in GchipIran and worked as freelancer, after joined to Komnpany360AG just I work on company projects based on JAVAEE, PHP, NodeJS, ReactJS, JQuery, Docker, MySQL.

Moneypars.com
Members: Mohsen Ahmadian

Exchange company in Australia, I designed his website and a paperless system for exchange money between company and customers around the world.
Developed in PHP / MySQL / bootstrap/ jQuery.
Website: https://Moneypars.com

Sport.bi
Members: Mohsen Ahmadian

Only Mobile Application Designed by Me, Blue Development Company in Austria has a web application for sporting and need mobile applications on (Android/IOS/Windows mobile). I implement all mobile applications for the sport.bi website and now sport.bi have a mobile application.
Developed in: Java Android, Swift 4, C#, react-native

DynIP
Members: Mohsen Ahmadian

A Dynamic DNS Support System. Customer can access his PC/DVR/NVR remotely without any Static IP
I Developed Server Side by PHP/MySQL and Client Side by C#/SQLite
Website: http://dynip.ir

FlyLight
Members: Mohsen Ahmadian

A WAMP Server.

I developed by C# an application to run/stop Lighttpd Server and MySQL Server and developed a simple control panel by PHP/MySQL
Website: http://flylight.ir

SabaTaxi Website
Members: Mohsen Ahmadian

Website of SabaTaxi is an accounting application. I developed website in PHP/MySQL.

Website: http://www.taxisaba.ir/

AVAT Travel
Members: Mohsen Ahmadian

AVAT Travel is Travel Agency Group
I implemented his website in two languages (English / Persian) in PHP/MySQL/jQuery/Bootstrap, However, this project paused by the client because of the AVAT-Group manager's does not have the budget to continue with the project. He said, 'I will continue this project soon as soon possible'. Nevertheless, I think the website in this status help him and groups to get customers, unfortunately, he thinks there are no needs for the website more development.
Website: http://avattravel.com

PraSoft

Members: Mohsen Ahmadian

Prasoft is a Software Company and I Develop his website

the prasoft Project is three project:

1- Main Website:

Developed in PHP/MySQL. This website has a store to sell his accounting software and blog/news/ education etc.

2- Customer Portal: to connect Company to his customer and selling license, support by ticket, education etc. Developed in PHP/MySQL

3- Connect his Software to Website to check License with a Web service.

3-1: Web service Developed in PHP

3-2: Web service consumer developed in C#

4- Connect his Software to check to have new Update and download it

4-1: Web service Developed in PHP

4-2: Web service consumer developed in C#
Website: http://prasoft.ir

Academicprojects

Members: Mohsen Ahmadian

Academicprojects is the company to sell some academic projects file. I developed his website in PHP/MySQL/jQuery/Bootstrap

Customers can see the document and buy it
Website: http://academicprojects.ir

kavyanbeton

Members: Mohsen Ahmadian

Kavyanbeton Company that is active in the production of concrete parts.

I developed his website in PHP/MySQL
Website: http://kavyanbeton.com

Fanavar

Members: Mohsen Ahmadian

I developed the website of Fanavar education institution in PHP/MySQL
Website: http://fanavar.ac.ir

Tamin

Members: Mohsen Ahmadian

Tamin is a private web application for a company.

This application is CMS (Customer Management System).

Developed in PHP/MySQL

Bank Maskan

Members: Mohsen Ahmadian

  This is a private project for Maskan Bank

  This is a web application to support his branches. A ticket and support system

  Developed in PHP/MySQL

Sarafi (Money Exchange)

Members: Mohsen Ahmadian

  Sarafi is private Project for a company.

  This is an exchange money company, need communicate with his customers, for this

  requirement I developed a portal to manage customer relations in PHP/MySQL

Publications

Word Search Engine

Code Project May 1, 2006

Address: http://www.codeproject.com/Articles/13972/Word-Search-Engine

Authors: Mohsen Ahmadian

  If you need a word search engine for your website or for your application, you must create it, or send your
   data to One Internet Search engine and send money for indexing your site, but this application can index
   your text/HTML/ASP files and save the words in its database to search in future.
  This application uses the SQLite database as its DBMS. This is an Open Source DBMS and can use
   freely. For more information, you can visit that website.

Light IIS (Run Asp.net without IIS)

Code Project February 26, 2008

Address: http://www.codeproject.com/Articles/23939/Light-IIS-Run-Asp-net-without-IIS

Authors: Mohsen Ahmadian

  I was reading an article about future software like web applications, and then I thought how to run a web
   application on the client without an internet connection and no Server component installation.
  If you see all ASP.net Applications, there are very user-friendly and you can use Ajax in asp.net
   applications and more components. On the other hand, it was shown in a research many people were
   interested applications like internet forms and web browsers applications.
  User-friendly rules forced you to flow users with all ideas and interests if you would like your software to
   be lovely.
  I was thinking about above subject when I saw the Microsoft Visual Studio 2005 and its solution to run
   asp.net without IIS. Microsoft has an API for this work although this API is not published by .NET 2.0 it's
   free because when you download free Web Developer Express from Microsoft site; setup of this program
   installs this API. Called "WebDev.WebHost"

Powerful File manager

Code Project June 27, 2008

Address: http://www.codeproject.com/Articles/26877/Powerful-File-manager

Authors: Mohsen Ahmadian

> In the web application sometimes you need to manage your files or allow your users to manage their files. In this time, you need a file manager and creating a powerful solution is time-consuming, but you do not have enough time. This was the story of my work when I needed it. I think if I write a powerful file manager that is simple to use and portable, did my best.

A New secure email scheme Using Digital Signature with S/MIME

International Journal of Computer Networks and Communications Security, 2016, ISC March 2016

Address: http://www.ijcncs.org/published/volume4/issue3/index.php

Authors: Mohsen Ahmadian, Fatemeh Amiri (MSC), Mehrdad Ahmadzade Raji (Dr)

> Email as one of the most popular applications on internet of things needs more attention in front of potential dangerous attacks. Digital Signature is known as one of the most prominent applications of public key cryptography to resist in front of attacks. To save secure email against forgery, S/MIME is of the best choices in which uses a digital signature. However, S/MIME use RSA with a weakness hash function that may be broke by intruders. On the other hand, the speed of implementing S/MIME push some time complexity. Therefore, it needs a better scheme to refuse attacks. This paper presents a new scheme of an efficient email application which is uses of a secure public-key encryption â€"digital signature. We implement our scheme with three most popular digital signature algorithm: RSA that currently uses by S/MIME (for comparison), ELGAMAL and elliptic curve (ECDSA) with different hash functions in PHP as one of the best web languages. As our contribution, we discuss and analyze security aspects of proposed digital signature schemes to choose the best scheme which has features of low computational complexity and fast operating speed for using beside S/MIME.