Mahdi Hasanpour

Full-Stack Web Developer

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# About Me

A highly proficient and experienced Senior Web Application Developer with a strong foundation in **.NET and PHP**, adept at developing robust, scalable, and user-friendly applications. I thrive in fast-paced environments, consistently delivering high-quality solutions for diverse projects. My broad technical skillset encompasses:

* **Backend:** .NET (C#), PHP, Node.js, Java, Go, Python
* **Frontend:** HTML, CSS, JavaScript, Web APIs
* **Databases:** SQL Server, MySQL, PostgreSQL
* **Frameworks/Tools:** React, Angular, Vue.js, jQuery, Git, Github, Gitlab, Azure, Agile Methodologies
* **Containers and Orchestration:** Docker, Kubernetes, NPM, Yarn, Composer, Pip, and so on

I'm passionate about learning and embracing new technologies to continuously enhance my expertise. I'm a strong communicator, collaborative team player, and adept at problem-solving, ensuring projects are delivered on time and within budget.

# Some of My Programming Projects and Work Experience

I am a passionate and results-oriented developer with a strong understanding of both web and software development principles. I have extensive experience in creating and maintaining web applications, as well as developing software solutions. My technical expertise encompasses C#, ASP.NET Core, SQL Server, PHP, MySQL, VueJS, and ReactJS.

## Attendance and Shift Management Software for Nurses

* **Year:** 2010
* **Duration:** 6 months
* **Project Description:** This software was developed as a pilot project for Hashemt Hospital in Rasht, Iran. It calculates working hours for nurses and determines their wages based on attendance and overtime. It allows for setting individual schedules for each nurse.
* **Technologies:** C#, Windows Forms .NET, SQL Server

## Asset Management Software ("Amin Emval")

* **Year:** 2011
* **Duration:** 5 months
* **Project Description:** Developed for Poiesh Higher Education Institute in Qom, Iran. This software is used for creating inventory lists of office and non-office equipment, tracking their serial numbers and physical locations, and calculating depreciation.
* **Technologies:** C#, Windows Forms .NET, SQL Server

## Payroll Software

* **Year:** 2011
* **Duration:** 3 months
* **Project Description:** Developed for the municipality of Rudsar in Gilan Province, Iran. This software handles tasks related to municipal payroll, including invoice registration and calculations.
* **Technologies:** C#, Windows Forms .NET, SQL Server

## Education Management Software

* **Year:** 2013
* **Duration:** 19 months
* **Project Description:** Developed for Poiesh Higher Education Institute in Qom, Iran. This comprehensive education management system handles tasks such as scheduling academic semesters, assigning classrooms, allocating faculty members, and managing other educational matters.
* **Technologies:** C#, Windows Forms .NET, SQL Server

## Faculty Attendance Tracking Software

* **Year:** 2015
* **Duration:** 3 months
* **Project Description:** Developed for Poushesh Higher Education Institute in Qom, Iran. This software records faculty attendance for each class, including entry and exit times, temporary exits, and generates reports for payroll purposes.
* **Technologies:** C#, WPF, SQL Server

## Khodro Clinic E-commerce Website

* **Year:** 2016
* **Duration:** 6 months
* **Project Description:** Developed an online store for selling automotive parts, including oils and other consumables. Also offered on-site services such as oil changes, repairs, washing, and detailing.
* **Technologies:** C#, ASP.NET MVC, SQL Server, HTML5, CSS3, jQuery, JavaScript

## Gallery Shams E-commerce Website

* **Year:** 2016
* **Duration:** 3 months
* **Project Description:** Developed an online store for selling decorative and luxury goods.
* **Technologies:** PHP (pure), MySQL, HTML5, CSS3, jQuery, JavaScript, Responsive Design

## Estabana Rasakh Company Website

* **Year:** 2017
* **Duration:** 3 months
* **Project Description:** Developed a system for registering and selling construction materials in collaboration with Mr. Farshad Kazemi.
* **Technologies:** PHP (pure), MySQL, HTML5, CSS3, jQuery, JavaScript, AngularJS

## Technical Support for Dr. Mofrad Website

* **Year:** 2018
* **Duration:** 16 months
* **Project Description:** Resolved general website errors, increased performance, and added features to the dashboard and public areas of the website.
* **Technologies:** C#, ASP.NET MVC, SQL Server, CSS3, jQuery, JavaScript, ReactJS

## Real Estate and Land Management Software

* **Year:** 2019
* **Duration:** 2 months
* **Project Description:** Resolved general website errors, increased performance, and added features to the dashboard and public areas of the website.
* **Technologies:** C#, ASP.NET Core, SQL Server, CSS3, Bootstrap, jQuery, JavaScript, ReactJS

## Gilanikar Website

* **Year:** 2019
* **Duration:** 8 months
* **Project Description:** Resolved general website errors, increased performance, and added features to the dashboard and public areas of the website.
* **Technologies:** PHP, MySQL, HTML5, CSS3, Bootstrap, jQuery, JavaScript, VueJS

## Ajotek Website Backend

* **Year:** 2020
* Duration: 1 month
* **Project Description:** Developed a system for registering requests and a related dashboard.
* **Technologies:** PHP, MySQL, HTML5, CSS3, Bootstrap, jQuery, JavaScript, VueJS

## Ermatab Website

* **Year:** 2020 - Present
* **Project Description:** Designed, developed, maintained, and provided support for the Ermatab website.
* **Technologies:** PHP, MySQL, HTML5, CSS3, Bootstrap, jQuery, JavaScript, VueJS

## Dr. Armin Jafari Website

* **Year:** 2021
* Duration: 3 weeks
* **Project Description:** Designed a custom theme for Dr. Armin Jafari's personal website using WordPress.
* **Technologies:** WordPress Theme, PHP, HTML5, CSS3, Bootstrap, jQuery, JavaScript, VueJS

## Kelachai`s Municipality Website

* **Year:** 2021
* **Duration:** 3 months
* **Project Description:** Designed and developed the backend of the Kelachai Municipality website and integrated the theme designed and implemented by Mr. Ayat Barari.
* **Technologies:** C#, ASP.NET Core 6, MS SQL Server, HTML5, CSS3, Bootstrap 5, jQuery, JavaScript, VueJS

## Security Management Software ("Ghard")

* **Year:** 2022
* **Duration:** 3 months
* **Project Description:** Developed software for managing entry and exit, attendance, and other tasks related to security personnel in power plants.
* **Technologies:** C#, ASP.NET Core 6, MS SQL Server, HTML5, CSS3, Bootstrap 5, jQuery, JavaScript, VueJS

## Technical Support for Farayand Powder Website

* **Year:** 2023 - Present
* **Project Description:** Resolved website issues and added features requested by the client.
* **Technologies:** PHP, Laravel, MySQL, Bootstrap

# Education:

* **Associate of Science in Computer Software**, Poiesh Institute of Higher Education, Qom, Iran (2008-2010)
* **Bachelor of Science in Computer Software**, Poiesh Institute of Higher Education, Qom, Iran (2011-2014)

# My Passions & Pursuits

I'm a passionate individual who balances my love for music, playing both the Kamancheh and the Setar, with a deep dedication to coding and continuous learning in the programming world.

# Experience and Skills

I have experience with and knowledge of the following technologies and programming languages:

## Languages

* C#
* PHP
* JavaScrip
* Java
* Go
* SQL
* HTML
* CSS
* XAML

## Frameworks

* C# .Net Frameworks
  + ASP.Net
  + ASP.NET MVC
  + Windows Form
  + WPF
* PHP Frameworks
  + Laravel
  + Livewire
  + Yii
  + Wordpress template and plugin development
* JavaScript Frameworks
  + NodeJS
  + Typescript
  + AngularJS
  + JQuery
  + ReactJS
  + VueJS
  + ChartJS
  + leafletJS
  + AlpineJS

## Other Technologies and frameworks

* HTML5 and CSS 3 Responsive Design
* SEO On-page Techniques
* Bootstrap
* OAuth
* Apache Server

## Font-End Programming Techniques

* AJAX Programming
* JOSN-P
* PWA (Progressive web apps)
* JWT
* Push API
* Notifications API
* Service Worker API
* Storage API
* GEO Location API
* Media Stream API
* IndexedDB API

## data-serialization language

* JSON
* XML
* YAML

## Software Architectures

* Service-oriented architecture (SOA)
* Microservices
* RESTful API
* API design

## Database

* Mysql
* Microsoft SQL Server
* MongoDB

## Concepts and principles

* OOP
* SOLID
* KISS
* YANGI
* DRY
* Clean Code