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

**Duration:** 6 Months (2009-2010)

**Client:** Heshmat Hospital, Rasht

**Project Description:** Developed software to track nurses' attendance, calculate work hours, and manage shifts, enabling accurate payroll and overtime calculations.

**Technologies:** C#, Windows Forms .NET, SQL Server.

**Achievements:** Successfully implemented the software as a pilot project at Heshmat Hospital, improving efficiency and accuracy in payroll management.

## Asset Management Software

**Duration:** 5 Months (2010)

**Client:** Poyesh Higher Education Institute, Qom

**Project Description:** Developed a comprehensive asset management software for administrative and non-administrative items, including inventory tracking, location recording, depreciation calculations, and more.

**Technologies:** C#, Windows Forms .NET, SQL Server

**Achievements:** Streamlined the institute's asset management process, reducing manual effort and improving accountability.

## Payroll Management Software

**Duration:** 3 Months (2010)

**Client:** Roudsar Municipality, Gilan

**Project Description:** Developed software to manage various payroll-related tasks for the municipality, including invoice processing, calculations, and reporting.

**Technologies:** C#, Windows Forms .NET, SQL Server

**Achievements:** Automated payroll processes for the municipality, improving efficiency and accuracy in financial management.

## Education Management Software

**Duration:** 19 Months (2012-2013)

**Client:** Poyesh Higher Education Institute, Qom

**Project Description:** Developed a comprehensive education management software for scheduling academic semesters, assigning classes, allocating instructors, and managing other university-related tasks.

**Technologies:** C#, Windows Forms .NET, SQL Server

**Achievements:** Streamlined the institute's academic management process, enhancing student and instructor experience and optimizing resource allocation.

## Faculty Attendance Software

**Duration:** 3 Months (2014)

**Client:** Poyesh Higher Education Institute, Qom

**Project Description:** Developed software to track faculty attendance for each class, recording entry and exit times, temporary departures, and generating reports for payroll purposes.

**Technologies:** C#, WPF, SQL Server

**Achievements:** Improved faculty attendance tracking for the university, ensuring accurate payroll calculations and promoting timely attendance reporting.

## Auto Clinic E-Commerce Website

**Duration:** 6 Months (2015-2016)

**Client:** Auto Clinic

**Project Description:** Developed an e-commerce website for selling automotive parts, including oil and other consumables, as well as offering on-site services such as oil changes, mechanic services, car washes, and detailing.

**Technologies:** C#, ASP.NET MVC, SQL Server, HTML5, CSS3, JQuery, JavaScript

**Achievements:** Developed a user-friendly online platform, expanding the reach of Auto Clinic and increasing sales.

## Shams Gallery E-Commerce Website

**Duration:** 3 Months (2015)

**Client:** Shams Gallery

**Project Description:** Developed an e-commerce website for selling decorative and luxury items, implementing a responsive design for optimal user experience across devices.

**Technologies:** PHP, MySQL, HTML5, CSS3, JQuery, JavaScript

**Achievements:** Created a visually appealing and easy-to-navigate website, enhancing the brand image and expanding the customer base of Shams Gallery.

## Istabna Rasekh Company Website

**Duration:** 3 Months (2016)

**Client:** Istabna Rasakh Company

**Project Description:** Developed a system for registering and selling building materials, featuring user-friendly interfaces and seamless integration with inventory management.

**Technologies:** PHP, MySQL, HTML5, CSS3, JQuery, JavaScript, AngularJS

**Achievements:** Streamlined the building material ordering process, facilitating efficient sales operations for Istabna Rasakh Company.

## Dr. Mofred Website Technical Support

**Duration:** 16 Months (2017-2018)

**Client:** Dr. Mofred

**Project Description:** Provided technical support for Dr. Mofred's website, including resolving general issues, enhancing performance, and adding features to the dashboard and public areas.

**Technologies:** C#, ASP.NET MVC, SQL Server, CSS3, JQuery, JavaScript, ReactJs

**Achievements:** Ensured a smooth user experience for website visitors and provided ongoing support for Dr. Mofred, improving the website's functionality and reliability.

## Real Estate and Land Management Software

**Duration:** 2 Months (2018)

**Project Description:** Developed software for managing real estate and land records, improving efficiency in property tracking and transactions.

**Technologies:** C#, ASP Core, SQL Server, CSS3, Bootstrap, JQuery, JavaScript, ReactJs

## Gilani Kar Website Technical Support

**Duration:** 8 Months (2018)

**Client:** Gilani Kar

**Project Description:** Provided technical support for Gilani Kar's website, including resolving general issues, enhancing performance, and adding features to the dashboard and public areas.

**Technologies:** PHP, MySQL, HTML5, CSS3, Bootstrap, JQuery, JavaScript, VueJS

**Achievements:** Improved the website's functionality and user experience for Gilani Kar, ensuring smooth operation and website stability.

## Ajotech Website Backend Development

**Duration:** 1 Month (2019)

**Client:** Ajotech

**Project Description:** Developed a system for managing requests and creating a related dashboard for Ajotech's website.

**Technologies:** PHP, MySQL, HTML5, CSS3, Bootstrap, JQuery, JavaScript, VueJS

**Achievements:** Implemented a user-friendly request system, enhancing communication and operational efficiency for Ajotech.

## Ermateb Website Design and Development

**Duration:** Ongoing (Started 2019)

**Client:** Ermateb

**Project Description:** Designed, developed, and maintain the Ermateb website, ensuring its stability and functionality.

**Technologies:** PHP, MySQL, HTML5, CSS3, Bootstrap, JQuery, JavaScript, VueJS

**Achievements:** Developed a robust and user-friendly website, enhancing the online presence of Ermateb.

## Dr. Armin Jafari Website

**Duration:** 3 Weeks (2020)

**Client:** Dr. Armin Jafari

**Project Description:** Designed a custom WordPress theme for Dr. Armin Jafari's personal website, emphasizing a professional and user-friendly experience.

**Technologies:** WordPress Theme, PHP, HTML5, CSS3, Bootstrap, JQuery, JavaScript, VueJS

**Achievements:** Created a visually appealing and informative website that reflects Dr. Jafari's professional identity.

## Kelachai Municipality Website

**Duration:** 3 Months (2020)

**Client:** Kelachai Municipality

**Project Description:** Designed and developed the backend of the Kelachai Municipality website, integrating it with a pre-designed theme.

**Technologies:** C#, ASP.NET Core 6, MS SQL Server, HTML5, CSS3, Bootstrap 5, JQuery, JavaScript, VueJS

**Achievements:** Developed a functional backend for the website, facilitating communication and service delivery for the municipality.

## Building Management Software (Security)

**Duration:** 3 Months (2021)

**Project Description:** Developed software for managing security personnel in power plants, including entry and exit tracking, attendance monitoring, and other security-related functions.

**Technologies:** C#, ASP.NET Core 6, MS SQL Server, HTML5, CSS3, Bootstrap 5, JQuery, JavaScript, VueJS

## Faraind Powder Website Technical Support

**Duration:** Ongoing (Started September 2022)

**Client:** Faraind Powder

**Project Description:** Provide ongoing technical support for Faraind Powder's website, resolving issues and adding features as requested.

**Technologies:** PHP, Laravel, MySQL, Bootstrap

## DenaGen Tajehiz Website Technical Support

**Duration:** Ongoing (Started November 2022)

**Client:** DenaGen Tajehiz

**Project Description:** Provide technical support for the DenaGen Tajehiz website, showcasing laboratory products and equipment.

**Technologies:** PHP, MySQL, HTML5, CSS3, Bootstrap, WordPress.

## DenaGen Tajehiz Website Development

**Duration:** Spring 2023

**Client:** DenaGen Tajehiz

**Project Description:** Designed and developed a new website for DenaGen Tajehiz, serving as an e-commerce platform and news source for laboratory equipment.

**Technologies:** PHP, MySQL, HTML5, CSS3, Bootstrap, JQuery, Javascript, VueJS.

# 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
  + .Net Core
  + ASP.Net
  + ASP.NET MVC
  + Windows Form
  + WPF
  + Entity Framework
* 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