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

    o .Net Core

    o ASP.Net

    o ASP.NET MVC

    o Windows Form

    o WPF

    o Entity Framework

- PHP Frameworks

    o Laravel

    o Livewire

    o Yii

    o Wordpress template and plugin development

- JavaScript Frameworks

    o NodeJS

    o Typescript

    o AngularJS

    o JQuery

    o ReactJS

- o VueJS

- o ChartJS

- o leafletJS

- o 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