

# Hamidreza Kouchakzadeh

Backend Developer

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Iranian

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## About me

To obtain a Software Engineer position that allows me to utilize my skills in backend and frontend development, system design, and process automation. I am eager to contribute to impactful projects, innovate with emerging technologies, and grow within a dynamic and forward-thinking organization.

## Work Experience

### PEP Co. (Electronic Payment Services)

June 2022 – PRESENT

Java Software Developer

Tehran, Iran

- **Developed & Maintained Large-Scale Software Systems** Using **Java**, **Spring Boot**, and **Angular**.
- Key contributor to the **Internet Payment Gateway (IPG)**, processing **7,000 billion** Tomans (116M\$) monthly.
- **Shop platform**: Contributor to the development of a high-revenue mobile recharge system using Java and Spring Boot, supporting 4 major telecom operators and contributing to **70% of the company's total revenue** in a **2,000-employee organization**.
- **Smart Refund System**: Developed an automated refund system **integrated with the IPG**, enhancing **transaction accuracy** and reducing manual intervention.
- **Enhanced CRM System**: Improved customer data management and interactions by contributing to the development and enhancement of **PEPCO's CRM** system.
- **Reduced deployment time by 50%** through the creation of a **Jenkins-based CI/CD pipeline**.
- Implemented automated testing with **Selenium**, **JUnit**, and **Mockito**, improving reliability and reducing bugs.
- **Developed reusable libraries** and performance logging using the **ELK Stack**, providing **real-time system insights** for optimization.
- **Fida**: implementing a platform to **manage foreign nationals and tourists** for enhanced security and tracking.
- **Porseh Microservices Ecosystem**: Contributed to the development of Porseh, a microservices ecosystem **functioning as both an API gateway and a hub for 40 service-oriented components**.

### RIECO. (B2B Software Solutions)

Dec 2020– Nov 2021

Software Developer

Alborz, Iran

- **B2B Software Solutions**: Developed and maintained Integrated Decision-Making Systems (**IDMS**), Business Process Management Systems (**BPMS**), and Engineering Document Management Systems (**EDMS**).
- **BPMS Design & Implementation**: Designed a BPMS to streamline development processes, **reduce time-to-delivery**, and enable automation of common services, thereby improving operational efficiency.

### Koleh Poshti (Tourism Industry)

Dec 2019 – July 2020

Full-Stack Developer & Project Manager

Alborz, Iran

- **Backend Development**: Implemented backend systems for customized tour packages, **integrating payment gateways** and **third-party APIs** for seamless transactions
- **Software Project Leadership**: Led the development of a customized tour platform for the Turkish market, managing timelines, tasks, and quality standards.

### Javanpardaz Alborz (Real Estate Financial Management)

Oct 2016 - June 2017

Project-based Work

Alborz, Iran

- **Real Estate Management System Development**: Led the development of "Sama" software, a comprehensive solution for property management and financial calculations.
- **Web Development**: Built a website for license registration and purchases.
- **Desktop Application**: Developed a desktop application for asynchronous data synchronization and client data backup, integrated with the server-side application.

- Created and delivered instructional content on **web design and programming**, focusing on **WordPress theme development**, customization, and setting up a **blogging system**—a unique offering in Iran at the time.
- Part 1: [Link to the published tutorials on WordPress theme design](#)
- Part 2: [Link to the complete tutorials on WordPress theme design](#)

## Projects

### Management Portal for Karaj Startup House

Jul 2022 - 2023 Feb

Full-Stack Developer

Contract

- Developed a management portal for Karaj Startup House, featuring **registration**, **resource allocation**, and **event scheduling**, with **tools for membership management** and utilization reports.

### Zama Chain Clothing Store Management Software

Apr 2022 - Aug 2022

Full-Stack Developer

Contract

- Developed a management system for Zama Chain, including **invoice generation**, **expense tracking**, **inventory management**, and **employee assistance recording**.
- Designed features like **stock rotation**, **profit and loss calculations**, and **salary management**.
- Integrated modules for **order processing**, **customer management**, and **real-time inventory updates** to streamline multi-store operations.

### MrOlympiad [Link](#)

Apr 2019 - Nov 2020

Full-Stack Developer

Contract

- **Led full-stack development of MrOlympiad**, an **online exam** and **question bank** platform with an institutional panel for managing student services like question collections and online exams, **implementing anti-fraud measures**, and **achieving 3,000 registrations at launch**.

## Technical skills

<b>Programming Languages</b>	Java
<b>Frameworks</b>	Spring Boot
<b>Databases</b>	MySQL, ORACLE
<b>Version Control</b>	Git
<b>Web Development</b>	JavaScript, jQuery, Angular
<b>Tools &amp; Technologies</b>	Maven, Elasticsearch , Kibana, Jenkins (CI/CD), Docker , JUnit, Mockito , Selenium

## Awards & Coursework

<b>Digikala Educational Cup Competition</b>	Third Place	2020
<b>PHP Certificate</b>	Quera College - Perfect Score - <a href="#">link</a>	2020
<b>Winter Camp, DigiNext</b>	Advanced tech and skills development.	Winter 2022

## Education

### Bachelor of Computer Engineering

Azad University-2024

Specialization: Software Engineering