# Hamidreza Kouchakzadeh

Backend Developer

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🗣 Karaj, Alborz Province, Iran
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### **Objective**

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) Java Software Developer

June 2022 – PRESENT

Tehran, Iran

- Developed & Maintained Large-Scale Software Systems: Spearheaded the creation of the Smart Refund System, which streamlined transaction processing and minimized manual errors.
- Enhanced CRM System: Improved customer data management and interactions by contributing to the development and enhancement of PEPCO's CRM system.
- Implemented CI/CD Pipeline: Designed and established a Jenkins-based CI/CD pipeline, reducing deployment time by 50%, thus allowing developers to focus on coding over manual deployment.
- Automated Testing: Developed and executed automated testing for frontend and backend using Selenium, JUnit, and Mockito, leading to improved reliability and reduction in production bugs.
- Front-End Development: Utilized Angular for enhancing UI/UX across various projects.
- Custom Tools & Libraries: Developed reusable libraries and automated performance logging with the ELK Stack, providing real-time insights and facilitating code optimization by identifying performance bottlenecks.

**RIECO.** (B2B Software Solutions)

Dec 2020- Nov 2021

Software Developer & Technical Project Coordinator

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.
- Process Optimization: Enhanced system functionality and development workflows through integration of reusable components and process optimization.
- Customer & Team Management: Bridged customer needs with technical execution, managing team tasks to ensure alignment with project goals and customer expectations.

**Koleh Poshti** (Tourism Industry)

Full-Stack Developer & Project Manager

Dec 2019 – July 2020

Alborz, Iran

- Backend Development: Developed and maintained backend systems, implementing features for customized tour packages and streamlining the booking process. Integrated payment gateways and third-party APIs for seamless transactions and data exchange.
- Stakeholder Collaboration: Worked closely with stakeholders and the development team to define project scope, goals, and deliverables.
- Software Project Leadership: Managed the development of a customized tour platform tailored to the Turkish tourism market. Coordinated timelines, delegated tasks, and ensured quality standards and deadlines were met.
- Investor Relations & Strategy: Contributed to business strategy development to support startup growth and sustainability.

**Javanpardaz Alborz** (Real Estate Financial Management)

Oct 2016 - June 2017 Alborz, Iran

Project-based Work

• Real Estate Management System Development: Led the development of "Sama" software, a comprehensive solution for property management and financial calculations.

- Web Development: Built a PHP-based website for license registration and purchases.
- Desktop Application: Developed a C# desktop application for asynchronous data synchronization and client data backup, integrated with the server-side application.

# **Daneshjooyar (Educational Website)** (Educational Website)

Mar 2014 - Aug 2014 Remote, Iran

**Teaching** 

- 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**

Apr 2019 - Nov 2020 **MrOlympiad** 

Full-Stack Developer

Contract

- Full-stack development of the MrOlympiad platform focused on creating an online exam and question bank system for student Olympiads.
- Managed the project in two phases: developing the question bank and implementing online exam functionalities, successfully completing it by the end of 2020.
- Achieved significant impact with approximately 3,000 registrations at launch, contributing to the platform's growing recognition and popularity among student Olympians.

### **Zama Chain Clothing Store Management Software**

Apr 2022 - Aug 2022

Full-Stack Developer

Contract

- Developed a comprehensive management system for Zama Chain, a clothing retail chain.
- Implemented key features such as invoice generation, branch expense tracking, employee assistance recording, and inventory management.
- Designed additional functionalities including stock rotation, discount code distribution, customer loyalty programs, profit and loss calculations, and salary management.
- Integrated modules for order processing, customer management, and real-time inventory updates, ensuring seamless multi-store operations.

#### **Management Portal for Karaj Startup House**

Jul 2022 - 2023 Feb

Contract

Full-Stack Developer

Developed a comprehensive management portal for Karaj Startup House, a co-working space.

- Designed and implemented core features such as streamlined registration, efficient resource allocation, and event scheduling.
- Enhanced administrative capabilities with tools for monitoring space usage, managing memberships, and generating utilization reports.

#### Technical skills

**Programming Languages** Java, SQL **Frameworks** Spring Boot **Databases** MySQL, ORACLE

**Version Control** 

**Web Development** HTML, CSS, JavaScript, jQuery, Angular

**Software Design** Microservices architecture, Design Patterns, SOLID

Maven, Jenkins (CI/CD), Docker, JUnit, Mockito (for testing), Selenium **Tools & Technologies** 

ELK Stack (Elasticsearch, Logstash, Kibana) Logging

#### **Awards & Coursework**

Digikala Educational Cup Competition PHP Certificate Winter Camp, DigiNext

Third Place Quera College - Perfect Score - link Advanced tech and skills development. 2020 2020 Winter 2022

## **Education**

**Bachelor of Computer Engineering** 

Specialization: Software Engineering

Azad University-2024