# Hamidreza Kouchakzadeh

Backend Developer

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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) Software Developer & Technical Project Coordinator Dec 2020– Nov 2021 Alborz, Iran

- Backend Development:
  - Developed and maintained B2B software solutions including Integrated Decision-Making Systems (IDMS), Business Process Management Systems (BPMS), and Engineering Document Management Systems (EDMS).
- Technical Project Coordination:
  - Acted as a key liaison between customers and the development team, gathering requirements and ensuring their accurate translation into actionable tasks.
  - Coordinated technical efforts, managed project timelines, and facilitated communication between stakeholders and the development team.
- Business Process Management System (BPMS) Design:
  - Designed and implemented a BPMS that streamlined development processes and reduced time-to-delivery.
  - Enabled operators to manage and automate common services, enhancing operational efficiency and reducing the time required to fulfill customer demands.
- Customer and Team Management:
  - Engaged with customers to understand their needs and translate these into technical requirements for the development team.
  - Managed the technical team's tasks, ensuring alignment with project goals and customer expectations.
- Process Optimization:
  - Improved development workflows and system functionality by integrating reusable components and optimizing processes.

- Project Management:
  - Managed and led a software project focused on developing a customized tour platform for the Turkish tourism market.
  - Coordinated project timelines, delegated tasks, and ensured that deliverables met quality standards and deadlines.
  - Collaborated with stakeholders and the development team to define project scope, goals, and deliverables.
- Backend Development:
  - Developed and maintained backend systems.
  - Implemented features that allowed for customized tour packages, streamlining the booking process.
  - Integrated payment gateways and third-party APIs to facilitate seamless transactions and data exchange.
- Investor Relations:
  - Contributed to the development of business strategies to ensure the startup's growth and sustainability.
- Collaboration & Communication:
  - Acted as a bridge between technical and non-technical stakeholders, translating business needs into technical specifications.
  - Facilitated clear communication across different teams, ensuring alignment and a cohesive approach to project development.

## **Javanpardaz Alborz** (Real Estate Financial Management) Project-based Work

Oct 2016 - June 2017 Alborz, Iran

- Engaged in a project at Javanpardaz Alborz, primarily focusing on the development of the Sama software (abbreviated as "Sandogh-e Mekanize Amlak" in Persian), which was a real estate management system.
- Developed Real Estate Management Software:
  - Built a system for financial calculations and property management.
  - Developed a website using PHP for registering and purchasing licenses.
  - Created a C# desktop application integrated with the serverside application for asynchronous data synchronization and client data backup.

# **Amoozesheyar (Educational Website)** (Educational Website)

Mar 2014 - Aug 2014 Remote, Iran

**Teaching** 

- Created and delivered instructional content on web design and programming, with a particular focus on Word-Press theme development and customization, including comprehensive tutorials on setting up a WordPressbased blogging system, a unique offering in Iran at that time.
- Part 1: Link to the published tutorials on WordPress theme design
- Part 2: Link to the complete tutorials on WordPress theme design

#### **Projects**

**MrOlympiad** Apr 2019 - Nov 2020 Full-Stack Developer Contract

- Full-Stack development of the MrOlympiad platform using PHP, JavaScript, jQuery, and MySQL, focusing on creating a robust online exam and question bank system for student Olympiads.
- Designed and implemented key features, including a question bank, automatic exam generation, and personalized question categorization, catering to both students and educational institutions.

- Managed the project in two phases: development of the question bank and implementation of online exam functionalities, completing the project by the end of 2020.
- Achieved initial success with around 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 web application for Zama Chain, a clothing retail chain, utilizing PHP, JavaScript, and MySQL to create a robust management system.
- Implemented a wide range of features, including invoice generation, branch expense tracking, employee assistance recording, and inventory management.
- Designed and integrated additional functionalities such as stock rotation, discount code distribution, customer loyalty programs, and profit and loss calculations.
- Developed modules for sending notifications about product depletion in stores or warehouses, calculating employee salaries, and more.
- Designed and integrated modules for order processing, customer management, and real-time inventory updates, ensuring seamless operations across multiple store locations.
- Delivered the project on time, meeting all client requirements and providing a scalable solution for the client's growing business needs.

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

Jul 2022 - 2023 Feb

Full-Stack Developer

Contract

- Developed a robust management portal for Karaj Startup House, a co-working space.
- Designed and implemented core features, including streamlined registration processes, efficient resource allocation, and event scheduling.
- Enhanced administrative capabilities with tools for monitoring space usage, managing memberships, and generating reports on resource utilization.

#### Technical skills

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

**Version Control** Git

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

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

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

Logging ELK Stack (Elasticsearch, Logstash, Kibana)

#### **Awards & Coursework**

Digikala Educational Cup Competition Third Place 2020 **PHP Certificate** Quera College - Perfect Score - link 2020 Winter Camp, DigiNext Advanced tech and skills development. Winter 2022

#### **Education**

**Bachelor of Computer Engineering** 

Azad University-2024

Specialization: Software Engineering