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)* — *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 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**: contributed to Porseh, a **microservices** ecosystem acting as **an API gateway with 40 service-oriented components**.
- **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.
- **Process Optimization**: Enhanced system functionality and development workflows through integration of reusable components and process optimization.

Koleh Poshti *(Tourism Industry)* — *Dec 2019 – July 2020*
Full-Stack Developer & Project Manager — *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.
- **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.

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.

Daneshjooyar (Educational Website) *(Educational Website)*   *Mar 2014 - Aug 2014*
Teaching   *Remote , Iran*

- 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 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.

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.

MrOlympiad   *Apr 2019 - Nov 2020*
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** including an **anti-fraud** system , 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.

Technical skills

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

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