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 and maintained large-scale software systems.
- Developed the Smart Refund System : Contributed to the creation of a robust system for handling automated refunds, which improved efficiency and reduced manual errors in transaction processing.
- Enhanced PEPCO's CRM System : Collaborated on the development and enhancement of the CRM system, improving customer data management and interactions.
- Implemented a CI/CD Pipeline :
  - Designed and set up a continuous integration and continuous deployment (CI/CD) pipeline using Jenkins, automating the build and deployment process.
  - Reduced deployment time by 50%, enabling developers to focus more on coding and less on manual deployment tasks.
- Developed Custom Libraries and Tools:
  - Created reusable libraries and tools to streamline development across various projects.
  - Implemented automated performance logging, which provided valuable insights into system performance and aided in code optimization.
- Automated Testing:
  - Implemented automated testing for both frontend and backend components using Selenium , junit & mockito.
  - For frontend testing, utilized Selenium to automate browser interactions and validate user interfaces, ensuring consistent and bug-free user experiences.
  - Applied similar automation strategies to backend services, enhancing the reliability and functionality of the software across different components.
- Utilized Angular for Front-End Development:
  - Applied Angular framework for front-end development based on project needs, enhancing user interface and user experience.
- Developed a Performance Logging Library Using the ELK Stack:
  - Created a custom library to integrate with the ELK Stack for automated performance logging.
  - This library provided valuable insights into system performance, facilitating real-time monitoring and historical analysis.
  - The implementation of this library significantly enhanced the ability to optimize code and improve system efficiency by identifying performance bottlenecks.

RIECO. *(B2B Software Solutions)*   *Dec 2020– Nov 2021*
Software Developer & Technical Project Coordinator   *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.

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

- 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)* — *Oct 2016 - June 2017*
Project-based Work — *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*
Teaching   *Remote , Iran*

- 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 WordPress-based 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
Software Design	Microservices architecture, Design Patterns , SOLID
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