Hamidreza Kouchakzadeh

Backend Developer

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About me

Experienced PHP developer with a deep understanding of the language and its ecosystem. Proficient in building robust web applications and implementing complex features using PHP and frameworks like Symfony. Skilled in database management with MySQL and proficient in front-end technologies such as HTML, CSS, JavaScript, and jQuery. Detail-oriented and dedicated to writing clean, efficient, and maintainable code. Continuously learning and staying updated with the latest PHP trends and best practices. Committed to delivering high-quality solutions and providing excellent user experiences.

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 WordPress 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	