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*
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*
Project Manager & Back-End Developer   *Alborz, Iran*

- Worked in the tourism industry for Koleh Poshti, a company specializing in organizing outbound tours.
- Managed and implemented a software project for customized tours in Turkey, where customers could personalize their travel experiences from accommodation to specific destinations and activities during their stay.
- The project received investment and support from 100 Startups, a capital investment event, and later secured funding from NovinTech.
- Unfortunately, due to the COVID-19 pandemic and the economic challenges that impacted society, the startup was forced to halt operations.
- Utilized PHP and MySQL database for the project development in Koleh Poshti.
- Familiarized myself with the WordPress platform to facilitate the migration of the company's previous website to the new system.
- Engaged in business aspects of the company, collaborating with Zavie to attract investors.

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.
- Acquired proficiency in C# programming language and utilized Telerik components to design the relevant Windows forms.
- The workflow of the software involved calculating commissions for real estate consultants in each transaction and generating invoices for the parties involved. Additionally, it featured expense calculation, income tracking, and the ability to generate reports for tax purposes to be submitted to the Tax Administration.
- Other notable features of the software included hardware lock protection and file management for real estate consultants.

- Each real estate consultant had a personalized user area on the web page, requiring activation of the software through a serial number and password, which had to be registered in their user area.
- The web panel was developed using PHP for the back-end and JavaScript for the front-end.
- The Sama software remained active for several years in provinces such as Khuzestan, Alborz, and certain areas of Tehran.

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

- Engaged in teaching and instructing web design, programming, and implementing WordPress themes on the Amoozesheyar website.
- Provided tutorials on setting up a blogging system using WordPress, which was a unique offering in Iran during that time.
- Published instructional materials on the website during this period.
- Part 1: Link to the published tutorials on WordPress theme design
- Part 2: Link to the complete tutorials on WordPress theme design

Education

Bachelor of Computer Engineering   *Islamic Azad University , Karaj*
Software Engineering Concentration   *2018 - 2023*
Pursuing a Bachelor's degree in Computer Engineering with a specialization in Software Engineering.

Projects

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

- Full-stack development using PHP, JavaScript, jQuery, and MySQL.
- The MasterAlampiad website serves as a question bank and online exam platform for student Olympiads.
- The implementation of this website began in early 2019 and was completed in two phases: question bank and online exams by the end of 2020.
- Key features of the website include the sale of question packages, automatic exam generation using the question bank repository, personalized question categorization by students, and providing a panel for educational institutions to manage students and conduct online exams.
- Upon the website's initial launch, approximately 1,000 registrations were recorded. Today, MasterAlampiad is widely recognized and popular among student Olympians

Zama Chain Clothing Store Management Software   *Apr 2022 - Aug 2022*
Full-Stack Developer   *Contract*

- Developed a web application for a chain of clothing stores with five active branches.
- The software included various features such as invoice generation, branch expense tracking, employee assistance recording, inventory management, stock rotation, sending discount codes to customers, customer loyalty program, profit and loss calculation, sending notifications for product depletion in stores or warehouses, employee salary calculation, and more.

Management Portal for Karaj Startup House   *Jul 2022 - 2023 Feb*
Full-Stack Developer   *Contract*

- Developed a comprehensive management portal for Khaneh Startup Karaj, a co-working space located in Alborz province.
- Recognizing the challenges arising from the increasing population within the environment and the need for more efficient management of the pre-accelerator, the management portal was designed to cater to the specific needs of the members.
- The portal covers all processes, starting from the moment a team or individual enters the complex until their departure, providing a seamless experience throughout their stay.

- Implemented features that streamline various tasks such as registration, access management, resource allocation, event scheduling, and communication within the community.
- Improved the overall efficiency of operations by automating manual processes and providing a centralized platform for members to access relevant information and services.
- Collaborated closely with the Khaneh Startup Karaj team to gather requirements, design user-friendly interfaces, and ensure seamless integration with existing systems.

Technical skills

Programming Languages	PHP, Java
Web Development	HTML, CSS, JavaScript, jQuery, Angular, Symfony
Databases	MySQL, ORACLE
Frameworks	Spring Boot, Symfony
Version Control	Git
Project Management	Agile methodologies (Scrum)

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*