Ali Kargar

PHP-Laravel Developer

Education

Bachelor of Computer Engineering
Islamic Azad University, Tehran, BA
September 2018

Location

Iran, Tehran

Skills

- PHP - Laravel - WebSocket
- RESTful API - MVC
- HTML - CSS – SASS - JS – jQuery
- Graph QL – ORM & Eloquent Laravel
- MySQL - Oracle - MongoDB
- Linux OS Server – JSON
- Git – Docker – Docker Compose
- SOLID – OOP – Design Patterns
- Problem-Solving Skills - Clean Code
- Project Management Skills
- Collaborative Teamwork
- Front-End Technologies

Familiar

- Payment systems ISO 8583
- EMV Payment Standards
- ReactJS – Vue.JS – Ajax - Bootstrap
- JSX – Redux – Axios – Redis

LANGUAGE

- Persian (Native)
- English (C1)

SOCIALS

- Email: designer.pcpro@yahoo.com
- GitHub: github.com/irpcpro
- LinkedIn: linkedin.com/in/irpcpro

CONTACTS

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Profile

I am a **PHP-Laravel Developer** with approximately **5 years of experience**. I graduated from university with **high grades** and a strong GPA in computer engineering. At **TOSAN TECHNO**, I am responsible for implementing and developing management panels in the **B2B** and **B2C** sector. Additionally, I designed several API services for various applications based on **sockets** for **online chat** and **customer clubs**. My **high motivation** and **enthusiasm** for programming enable me to **handle any challenging situation**, allowing me to achieve significant success. My **team-oriented** mindset helps me effectively communicate with team members, listen to their opinions, present my ideas, and even mentor them. My goal aligns with the company's objectives, ensuring that **team success** leads to the **company's success** in projects, resulting in a more enjoyable sense of achievement.

Work Experience

TOSAN TECHNO (PHP–Laravel Developer)   *2020 - Present*

- **Senior PHP Developer**, Application Services Programmer
- Played a pivotal role as a **senior PHP developer** and application services programmer.
- Developed and implemented advanced management panels, handling over **1000 customer** acceptance contracts.
- Established a **reporting system** for processing more than **500 million banking transactions** for profit calculation.
- Orchestrated the setup of over **100 Cron systems** for calculating bank withdrawal transactions and daily uploading of **50 million data** on the central bank servers via FTP.
- Designed and managed a customer club with over **12,000 users**, providing **Rest API services** for applications and other projects to connect to the customer club.
- Implementing APIs for company internal chat system for the employes via **WebSocket** with Private and Shared chat groups.

Medixco (PHP–Laravel Developer)   *2018 - 2019*

- **Senior PHP Developer** and Services Programmer.
- Led as a senior programmer and project manager, overseeing end-to-end project development.
- Designed and implemented robust applications and backends for various websites.
- Demonstrated proficiency in **PHP-Laravel** to achieve project objectives and meet client requirements.
- Provided on-site support and successfully implemented services on **Linux ser**vers.
- Coordinated with **cross-functional** teams to deliver projects within established timelines.

MAIN PROJECTS

Shop Money Management Panel (B2B Panel Management)

- Migrated over 100,000 contracts and 3,000 clients from the old panel to the new one using the **Flyweight Design Pattern** to **optimize RAM usage** and **processing**, preventing excess load from duplicate data.
- Implemented the **Prototype Design Pattern** to duplicate additional information for agents under the clients, ensuring consistent management of data for each contract.
- Optimized the **reporting system** with database queries, **reducing report calculation time** from **1 minute to 10 seconds** and **caching** data with **Redis**.
- Implemented a reporting and daily transaction upload system handling over **3 million records** using the **Command Design Pattern**, ensuring no data loss during errors and uploading to the Central Bank's FTP.
- Developed an API service for creating **ISO Message 8586** buffers for POS devices using the **Builder** and **Decorator Design Pattern**, allowing high flexibility for adding various PSPs with different functionalities.
- Created a **Proxy Design Pattern** system for direct recharge purchases, preventing errors during server downtimes of third-party providers by utilizing a pre-stocked recharge bank.
- Refactored various parts of the application to adhere to **SOLID** Principles and **OOP**.

Customer Club Web Application and Management Panel (Shopp Club)

- Designed and implemented the Shopp Club web application and management panel for over **12,000 users** using Laravel Blades, ensuring **high execution speed** on both **mobile** and **desktop**.
- Implemented request validation stages using the **Facade Design Pattern** to verify data accuracy.
- Developed various payment gateways for premium users with the **Adapter Design Pattern**, facilitating easy integration of new gateways.
- Implemented an authentication system with username and password for third-party applications using **JWT** for communication protocols, allowing for service integration to increase points.
- Created **reporting systems** with caching to generate customer statistics, **improving service delivery** for popular and frequently used services.

Internal Organization Chat Application (IOCA Application)

- Utilized **Beyond Code WebSocket** package to set up an online chat service with **JWT** authentication.
- **Optimized** the retrieval of user communication channel tokens in WebSocket for **bulk authentication** for each chat.
- Designed the **database structure** for implementing a **flexible chat system** supporting both private and group chats.
- Used **Resource Collections** to manage responses during bulk **output changes**.

Online Visit Application (Medix Land)

- Implemented a **video call** system using **WebRTC** for doctor-patient communication.
- Developed a **real-time online appointment booking system** using **WebSocket** services.
- Optimized the **payment system** with the **Adapter Design Pattern** to connect to various payment gateways.
- Implemented **Cron Jobs** for **scheduling events** and checking appointment times, sending **SMS** and **notifications** to doctors and patients, using the **Mediator Design Pattern**.
- Developed **CRUD operations** for the site's blog section using the **Creational DTO Design Pattern** for posts, categories, and more.

Online Food Ordering Application (Andropple)

- Implemented an API system for order registration, tracking, and user registration with **OTP authentication**.
- Developed an **SMS** sending system using **Adapter** and **Command** D**esign Patterns** to control outgoing messages and manage errors, activating a secondary SMS service if the primary one fails.
- Created a management panel with a product management system and **CRUD** operations for products and categories using the **Factory Design Pattern** for each CRUD section with **Repository Design Pattern** for managing of the models.
- Implemented a **Connector system** to link the application's main **Factory** system to the Web and API, facilitating core application development.
- Managed and implemented Events for order registration and status updates, handling notifications using the **Mediator Design Pattern** for sending SMS and **Push notifications** via **Firebase**.