

ALI QASEMI

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Objective

I am seeking a backend developer position where I can contribute to the development of applications and software architecture while ensuring efficient performance. I am particularly interested in projects involving PHP Laravel and Golang.

Education

- **Shahood University of Technology (2020 – 2022)**
Master's degree in Software Engineering
- **Shahood University of Technology (2016 – 2020)**
Bachelor of Engineering in Software Engineering

Experience

- **Backend Developer, Willa Arts (Sep 2020 – Aug 2022)**
 - Designed the panel for a web builder application using PHP Laravel and Vue.js.
 - Implemented a module enabling clients to design websites with various features.
 - Developed a roll call system with Vue.js for the frontend and PHP Laravel for the backend.
 - Built an LMS module for remote instruction using PHP Laravel for backend course management and Vue.js for client-side slide displays.
 - Created a service store introducing company services with categories and features using PHP Laravel and Vue.js.
 - Developed an audio server for podcasts and voice content with publisher features, leveraging PHP Laravel and Vue.js frameworks.
 - Contributed to multiple modules offered as features to clients.
 - Utilized Vue 2 and Vuex for state management, and transitioned to Vue 3 and Pinia for advanced store management.
- **Backend Developer, Yasin.ai (Jun 2023 – Nov 2024)**
 - Led initial development of the Shia Muslim application, including backend and management panel.
 - Designed a panel to manage texts, duas, and scriptural content categorized for immediate searching.
 - Implemented data streaming for videos, live streams, and audio categorized and tagged for user subscriptions.
 - Developed streaming data services using Golang and the Mux framework.
 - I am using Go threads and a database queue for streaming data, which resulted in a 30 percent increase in streaming speed based on my setup without any server crashes.
 - Managed application content and context with PHP Laravel.
 - Integrated Elasticsearch for rapid and efficient content searching.
 - Optimized application performance using Octane technology with Golang for the Laravel framework to handle high request volumes.
 - Fully dockerized the application, including MongoDB, Octane app, MySQL, Golang, Nginx, Redis, MinIO, Prometheus, and Grafana.
 - Created metrics for Prometheus with cache management to analyze application and user request patterns to identify areas of high interest.
 - Enabled multilingual support across all aspects of the application, allowing dynamic addition of new languages via the management panel.

- Leveraged technologies such as MySQL, MongoDB, Redis caching, and Golang streaming for scalable data handling.
- I achieved a significant reduction in latency, improving response times from about 500ms seconds to about 150ms seconds. Additionally, I increased the request processing capability from about 120 requests per second with PHP-FPM to about 190 requests per second using Swoole, based on my setup.

Skills

Programming Languages: PHP, Golang, Python

Technologies: Laravel, MySQL, MongoDB, Docker, Redis, Minio, Vue.js, Monitoring

Other: Algorithm Design, Data Structures

Courses

- Docker Expert at TOSINSO
[Certificate Link](#)
- Task-Oriented Course in Version Control with Git at Quera
[Certificate Link](#)
- Advanced Algorithmic Thinking and Data Structure at Quera
[Certificate Link](#)

Projects

- **Shia Muslim Application**
shiamuslimproject.com — [Play Store](#) — [App Store](#)
- **Divine Muslim Project**
divinemuslim.com — [Play Store](#) — [App Store](#)
- **Willa Arts Project**
[cms-website](#)