# 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

- **Shahrood University of Technology (2020 − 2022)**

  Master's degree in Software Engineering

  Developed a tourism destination recommendation system using Python, integrating Density Means clustering and Genetic Algorithms to improve recommendation accuracy. Achieved a 28% improvement in precision and user satisfaction compared to traditional methods, enhancing personalization and contributing to the application of evolutionary algorithms in data-driven systems.

- **Shahrood University of Technology (2016 − 2020)**

  Bachelor of Engineering in Software Engineering

## Experience

- **Backend Developer, yasin.ai (Jun 2023 − Nov 2024)**

  - Led initial development of the Shia Muslim application, including backend and management panel.
  - 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, achieving a 30% increase in streaming speed without server crashes.
  - Optimized performance using PHP Laravel and Octane, reducing latency from 500ms to 150ms and increasing requests per second from 120 to 190.
  - Fully dockerized the application with services like MongoDB, MySQL, Redis, MinIO, and Prometheus for scalability.

- **Backend Developer, willaarts (Sep 2020 − Aug 2022)**

  - Designed a web builder panel using PHP Laravel and Vue.js, enabling client website design.
  - Developed LMS and roll call systems integrating PHP Laravel backend and Vue.js frontend.
  - Created a podcast server with publishing capabilities and contributed to multiple client modules.

## 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](#)

- **willaarts Project**
  [cms-website](#)