Sajed Zarinpour Nashroudkoli

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Summary

Experienced backend developer with a proven ability to design, develop, and optimize high-performance web applications and systems. Possesses a Master of Science in Applied Mathematics, demonstrating strong analytical and problem-solving skills.

Skills

Concepts	▪ Design Patterns ▪ DDD ▪ TDD ▪ MVC ▪ OOP
DevOps	▪ Linux Server ▪ Docker ▪ CI/CD
PHP	▪ Laravel ▪ Symphony ▪ PHP ▪ RESTful APIs
Database	▪ MySQL ▪ MSSQL ▪ Elasticsearch ▪ Redis
JavaScript	▪ ES2021 ▪ jQuery
Other	▪ Python ▪ GO ▪ Git ▪ Draw.io ▪ PHPDoc ▪ Swagger

Experiences

Present
Apr. 2024

System Designer/Web Developer at Islamic Azad University Electronic Campus, Tehran

- Reducing the RPS of https://vadana.ec.iau.ir by 50 percent via improving authorization strategy and leveraging Moodle middlewares

- Upgraded and refactored IAU ticketing system, improving its PLT from 3.6 Sec to 0.056 Sec by optimizing database queries, reducing API calls, and caching

- Designed a custom project management system with a specific focus on monitoring tasks of sub-divisions, with an emphasis on automatic bottleneck discovery and event-based report generation

- Designed and implemented performance tests for BBB load balancer servers to deliver a robust experience in online classes for students

▪ Laravel ▪ Symphony ▪ Redis ▪ Moodle ▪ PHP ▪ MySQL ▪ Linux ▪ Swagger ▪ PHPDoc ▪ Apache JMeter ▪ Nginx ▪ CI/CD ▪ Docker ▪ Adobe connect

March 2024 Dec. 2023	**Laravel Backend Developer at** Motegharen, Guilan

- Crafted an online Learning Management System
- Wrote a package for utilizing https://spotplayer.ir/ APIs in Laravel

- Laravel - Git - REST API

Nov. 2023 Jan. 2022	**Compulsory Military Service at** Iranian Traffic Police, Tehran

Nov. 2021 Dec. 2020	**Database Analyst / Developer at** Tavana System, Zanjan

- Design database schema for the financial and warehousing section of an ERP for a private company

- Python - Microsoft SQL server - Stimulsoft - Draw.io

──────── **Published Packages**

2024	sajed-zarinpour/spotplayer, (A wrapper for spotplayer.ir video service (DRM) API). - PHP - Laravel
2024	sajed-zarinpour/db, (A simple yet powerfull database adaptor). - PHP

──────── **Education**

Oct. 2020 Sep. 2017	**M.Sc. in Applied Mathematics,** Institute for Advanced Studies in Basic Sciences, Iran Numerical Method for Solving PDEs with Uncertainty Using Neural-Network

- Implemented a new layer for padding inputs using tf

- Python - Numpy - Bash - TensorFlow - Keras - Matplotlib - Octave - Latex

Sep. 2017 Sep. 2012	**B.Sc. in Applied Mathematics,** University of Guilan, Iran Study on GMDH Algorithm for Stock Price - MATLAB (Octave)

──────── **Languages**

English - *Upper Intermediate* Listening C1, Reading B2, Spoken Interaction C1, Spoken Production C1, Writing C1
German - *Beginner* Listening A1, Reading A1, Spoken Interaction A1, Spoken Production A1, Writing A1

(According to European language levels: Basic user (A1, A2) - Independent user (B1, B2) - Proficient user (C1, C2))