

AMIN GHANINIA

BACKEND ENGINEER

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SUMMARY

Ambitious, self-empowered, and a deep thinker, with +9 years of practical professional experience as a Backend Developer. Experienced with all stages of the development cycle to produce high-quality, user-friendly, scalable and bug-free software for dynamic web projects.

AREAS OF EXPERTISE

BACK-END PROGRAMMING LANGUAGES: PHP, Go

SQL DATABASES: MySQL, SQLite, PostgreSQL

NOSQL DATABASES: Redis, MongoDB

DESIGN PATTERNS AND AGILE PRINCIPLES: SOLID, DRY, YAGNI, KISS, Demeter, Software architecture patterns

WEB SERVICES ARCHITECTURE/TOOLS: Restful, Swagger, Postman

TEST FRAMEWORKS: PHP unit, Mockery, Pest

AGILE METHODOLOGIES: Scrum

SVN, CVN KNOWLEDGE: GitHub, Gitlab, Git Flow, GitHub action, CI/CD

TECHNOLOGIES/Frameworks: Laravel, CodeIgniter, Phalcon, Gin, API Gateway, Message Broker, Gray Log

CONTAINERIZATION: Docker

FRONT-END KNOWLEDGE: JavaScript, ES6, jQuery, ReactJS, HTML5, CSS3, SCSS, Bootstrap

TOOLS: Trello, Jira, Azure DevOps, Linux (Fedora, Ubuntu)

EXPERIENCES

BACKEND DEVELOPER | SNAPP MARKET | FULL TIME (TEHRAN, IRAN)

NOV 2022 – PRESENT (10 MONTHS)

Snapp Market, the largest online supermarket holding company in Iran, encompasses a range of diverse services in the supermarket industry.

- Developed the *HS PRODUCT* program for the purpose of syncing products, prices and discounts between Hyper star and Snapp Market!
- I have helped in the development and debugging of problems in the operation squad for the well-being of customer service affairs.
- I have had constructive interaction with the test team to test different parts and implement the test system as automation
- Implemented multi-tenancy microservice based on SaaS, which has been used by various vendors to picking batch orders.

BACKEND DEVELOPER | HAMDA | FULL TIME (BABOL, IRAN)

APR 2021 – NOV 2022 (20 MONTHS)

Hamda is an integrated automation that helps pharmacies to manage financial accounts.

- Participated in planning sessions and brainstorming to pull out the best solutions.
- Solved the problem of architectural design and normalization of 140 database tables
- Implemented cache system reports for asynchronous registration and information logging services.
- Designed a chat system using socket, which has the ability to send SMS if the recipient does not respond within a certain time.
- Managed a process re-designed project to improve and consolidate end-to-end service processes; restructured communication flow among 10 departments and cut down paperwork by 75%.
- Daily maintenance of code, debugging issues and solving server-side problems.

FULL STACK DEVELOPER | COFFEE SOAL | PART TIME (BABOL, IRAN)

MAY 2018 – JAN 2020 (20 MONTHS)

CoffeeSoal is a platform for designing university test questions.

- Implemented the system architecture for three levels of access (student, professor and administrator).

- Used cache system to display questions and feedback questions.
- Created test questions from student's designed questions and PDF output.
- Built possibility of design and score and fix question's problems by the students.
- Designed the section for reporting the activities of students and professors.

FULL STACK DEVELOPER | SELF-EMPLOYED , FULL TIME (BABOL, IRAN)

JAN 2014 – MAY 2018

During my freelance career, I worked on many projects and challenges, such as software development, maintenance, refactoring, etc. In the section below, I introduced some of these projects.

PROJECTS

SHAMSIK (OPEN SOURCE) | BACKEND DEVELOPER , JUL 2022

Cron Job has a problem in the solar calendar, the information of the day, month and year is not considered correctly, that's why I wrote a package to solve this problem in the PHP code.

- Developed expression solar calendar validation in Cron Job
- Added a possibility Concurrent Tasks by Fibers

SHIPPING (OPEN SOURCE) | BACKEND DEVELOPER , DEC 2020

I implemented an in-program system with high flexibility to calculate Iran's postage cost. System architecture for implementation on Laravel and various PHP frameworks, Database management flexibility to update tariffs.

DIGI LORA | FULL STACK DEVELOPER , MAR 2020

Digi lora is a centralized warehouse and multi-store system. The main purpose of this program is to sell the seasonal inventory of each warehouse.

- Designed a system for sending products to the central office for check quality product.
- Built a multi-warehouse system for Sellers of the system to manage their warehouses (buying, selling and returning).

3RD PAYAM NOOR UNIVERSITY NANOTECHNOLOGY FESTIVAL | FULL STACK DEVELOPER , FEB 2019

The nano conference was held under the supervision of Payam Noor University in order to present the achievements and inventions of students

- Made an integrated system for registering applicants and participants and sending their achievements.
- Built a secure system for managing files that gives administrators the ability to output information.

PORSAPP | FULL STACK DEVELOPER , JUN 2018

Participated in the development of the Porsapp system. This application helps the questioner to find an expert in the required field and get the answer to his question by paying a fee.

- Implemented a web-based management system and monitoring the performance and behavior of experts and users.
- Rewrote the management and complex system cache queries.

ACTIVE DIRECTORY MANAGEMENT | FULL STACK DEVELOPER , MAR 2017

Developed the Active Directory management software on the web and it provides the possibility of managing several different domains in a centralized manner. Various reports and user group management facilities make its use attractive and practical for the IT unit of organizations.

EDUCATIONS

1. **BACHELOR'S DEGREE SOFTWARE ENGINEERING** (PNU, Babol, Iran)
2. **PGD MATHEMATICS & PHYSICS** (Taleghani High School, Babol, Iran)

CERTIFICATES

1. **HACKER RANK**
 - SQL Intermediate
 - SQL Basic
2. **SOLO LEARN**
 - SQL
 - PHP