Amirhosein Ghorbani

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A dynamic Django backend developer and software engineer passionate about building innovative solutions. Skilled in driving efficiency and enhancing user experiences, I deliver excellence in every project. My enthusiasm for technology fuels my commitment to impactful software.

Technology & Ability

- Python, Django, DRF
- Containerization, Docker
- Problem Solving, Critical Thinking

- Redis, RabbitMQ
- Microservice, API design
- Communication, Collaboration

- Git, Workflows, CI/CD
- Software Engineering
- SQL, NoSQL, PostgreSQL, MongoDB

Experience

* Software Engineer (Django Backend Developer) - Amirkabir University   06/2023 - 05/2024

- **Portal**

The portal is a multifaceted system for managing company resources and employees. It provides various services for employees to carry out projects, including sections for task management, attendance, reports, privileges, and management. In this project, my main responsibilities include adding new features, fixing bugs, and improving and optimizing the code and the different sections and their interactions.

- **The official website of AISM (Advanced Industrial Systems and Mechanisms)**

The official website of Advanced Industrial Systems and Mechanisms (AISM) manages news, products, and registration for students, professors, artisans, and researchers. I solved problems, created bilingual pages, added media, and organized announcements. I also developed proposal sections, approval processes, and user registration/login, highlighting my key role in improving the site's functionality and accessibility.

- **General Service Provider**

This project involves creating a service provider-receiver system with features like financial management, services, sub-services, categories, messaging, support, search, and maps. The project is outsourced and continuously updated. My role includes testing, reviewing, reporting updates and bugs, integrating new code, ensuring necessary settings, verifying updates, and handling documentation for the code and other project parts.

- **National HER (Electronic Health Record)**

This ongoing project implements an EHR system per ISO-13606 and OpenEHR standards, storing and displaying data in a specialized format. My responsibilities include implementing the database and display format, applying filters for extensive data, and developing microservices for authentication, validation, and access. I ensure the viewer displays medical files, health characteristics, visits, drugs, and insurance information.

* Backend Developer - Freelance and others   10/2018 - 05/2023

- **Freelance e-learning (LMS) website**

Designed and built a comprehensive e-learning platform using Laravel, incorporating user authentication, course management, and interactive features. Implemented RESTful APIs and ensured responsive design for an optimal user experience across devices.

- **Freelance computer accessories store**

Created an online store for computer accessories using ASP.NET MVC, focusing on a robust and scalable architecture. Integrated payment gateways and optimized the database for fast and secure transactions.

- **Internship at Technical and Vocational University**

Developed web applications using Python and Django, and implemented web crawling scripts to gather data for research. Conducted research on educational systems and used findings to enhance the university's digital resources.

Education

Bachelor's Degree, Software Engineering - Shamsipour Technical and Vocational   2019 – 2022
Associate's Degree, Software Engineering - Shamsipour Technical and Vocational   2017 – 2019

Skills

- Have strong communication skills, analytical and problem-solving skills, the ability to work independently and I love teamwork
- Software engineering skills including experience of a modern agile development workflow using Git, unit testing and CI/CD
- Strong programming skills and experience with Python; Proficient in libraries such as sklearn, numpy, pandas, matplotlib, and seaborn, with a solid understanding of machine learning concepts and pre-processing techniques
- Excellent understanding of computer science fundamentals, data structures, and algorithms; Strong programming skills
- Strong time management skills with the ability to prioritize and contribute to multiple assignments simultaneously