

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.

AIMS

The official website of Advanced Industrial Systems and Mechanisms (AIMS) manages company affairs and includes news, product descriptions with photos and catalogs, and a registration section for students, professors, artisans, and researchers. My contributions to this project include solving problems, creating new pages for the website, making the website bilingual, adding media to the gallery, and organizing the site's main board to display announcements and relevant news. I also developed sections for proposal applications and follow-ups, approval and rejection by the administrator, and creating forms for different types of proposals. Additionally, I completed the site registration and login sections for various user types.

General Service Provider

This project involves creating a service provider-receiver system with features such as financial management, services, sub-services, categories, messaging, support, search, and maps. The project is outsourced and continuously updated. My role includes testing, reviewing, and reporting updates and bugs. I integrate new code into the site, ensure the necessary settings are applied, and verify updates. I also handle the documentation required for the code and other parts of the project.

EHR

This ongoing project implements an Electronic Health Record (EHR) system according to the ISO-13606 and OpenEHR standards, storing and displaying data in a specialized format. My responsibilities include implementing the database and data format for display and applying various filters, as the data is extensive and stored in a standardized way. Additionally, I work on microservices for authentication, validation, and access hierarchy to the data and files. My work ensures the viewer section of the health record site displays items such as medical files, health characteristics, medical photos, 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