Saman Nezafat

Python Backend Developer

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Professional Summary:

Experienced Python Backend Developer with a proven track record of delivering innovative solutions for over 10 professional projects. Skilled in web development using frameworks like FastAPI and Django, as well as database management with PostgreSQL and Redis. Proficient in using Git for version control and working with Linux-based systems. Continuously learning and improving technical and soft skills to stay ahead in the ever-changing field of backend development.

Technical Skills:

- Proficient in Python programming with experience in OOP, decorators, threads, and async programming
- Experienced in using FastAPI and Django frameworks for web development
- Skilled in database management using PostgreSQL and Redis
- Knowledgeable in test frameworks such as unittest and Pytest for unit testing
- Experienced in managing Linux-based systems for system administration tasks
- Familiar with security concepts and best practices
- Knowledgeable in agile methodology and Scrum for project management
- Experienced in containerization using Docker for deployment
- Proficient in using Git for version control and collaborative software development

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Work Experience

Mehr Pars - [2021]-[2022] (Python Developer)

Organizational resource management system (https://rainesh.org/)

- Developed a migration module using object-oriented programming techniques to enable users to easily switch from previous project management systems to the Rainesh platform, resulting in a 40% increase in customer satisfaction.
- Implemented automated testing using Unittest, resulting in a 30% reduction in testing time and improved code quality.

Technologies Used: Linux, Python, OOP, PostgreSQL, Unittest.

Comprehensive warehouse system

- Developed a fuzzy reverse proxy module for a large-scale warehouse project with discreet services to simulate backend conditions during high-load times, resulting in a 20% reduction in error rates and improved user experience.

Technologies Used: Linux, Python.

Ati Shahr - [2022]-[Now] (Python Backend developer)

SIB (ticket system)

- Optimized a reporting endpoint resulting in a 20x speed improvement and preventing system slowdown during high load times.
- Collaborated on developing the second version of the project with FastAPI to allow for asynchronous development to handle the high load of the system.

BtoC Tourism Project

- Contributed to the development of a tourism BtoC platform with over one million registered users and connections to more than nine BtoB platforms.
- Optimized the payment system to handle approximately 200 different payment modes based on various variables such as the type of service, BtoB provider, and payment type (IPG, MPL, WPG).
- Implemented Async features to optimize the system's performance, reducing the system slowdown during high loads by up to 70%.

Technologies Used: Linux, Python, FastAPI, PostgreSQL, Docker.

Open Source Contributions (Python and Golang Developer)

- Maintainer of PyBotNet framework: Developed an open-source Python framework with around 200 stars on GitHub that enables users to add remote control to Python codes. (https://github.com/onionj/pybotnet)

Technologies used: Python (thread, OOP, Decorators, etc.).

- Created and contributed to several small scripts and tools on GitHub. These projects have been well received by the open source community and have been downloaded and used by developers around the world.

Technologies used: Python, Golang.

Languages

English (Fluent)