

Shamas ulhaq

Senior Software Engineer

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Profile

A seasoned Senior Software Engineer with a Bachelor's degree in Computer Science and extensive hands-on experience in Python, Django, and FastAPI. Proficient in developing scalable web applications and adept at creating RESTful APIs and microservices. Committed to delivering high-quality, maintainable code and exceeding client expectations through innovative and client-focused solutions

Professional Experience

Senior Software Engineer, Beyond Eris Solutions

2022 Nov – present
Lahore, Pakistan

- Created innovative and scalable software solutions.
- Specialized in building robust web applications using Django and Flask.
- Developed RESTful APIs, microservices, and data analysis tools.
- Delivered high-quality, maintainable code.
- Collaborated with a team of talented developers.
- Contributed to the growth and success of the company.

Python Developer, BuiltinSoft

2021 May – 2022 Oct
Rahim Yar Khan,
Pakistan

- Led back-end development using Python FastAPI.
- Managed database and back-end with Python Django REST Framework.
- Developed scalable back-end solutions.
- Optimized back-end code and database performance.
- Implemented caching and asynchronous processing with Celery.
- Collaborated with front-end teams using React, Redux, and Angular.
- Ensured data accuracy and high-quality application delivery.

Projects

NyNx Creatives

- Developed and maintained a freelancing platform with modules for gig creation, chat, job postings, custom job offers, and payment integrations.
- Utilized Python for back-end web development, focusing on functionality and scalability.
- Implemented features like workspaces, group activities, escrow, task management, reviews, analytics, response rates, notifications, and time tracking.
- Used Bitbucket for version control and collaborated on solving complex problems creatively.

ErisHROne

- Developed and maintained HR and account management systems using Python.
- Managed project tasks and led a team to ensure successful project delivery.
- Enhanced functionality and resolved issues to improve system performance.

Real Time Chat Bot

- Developed backend functionalities using Python and Django REST Framework.
- Implemented REST APIs to facilitate communication between the frontend and backend.
- Utilized Django Channels for real-time communication features.

- Employed PostgreSQL for efficient data storage and retrieval.
- Worked within Agile methodologies to ensure timely delivery and iterative development.
- Solved technical challenges and contributed to enhancing the functionality of the chat bot.
- Collaborated with cross-functional teams to address issues and implement creative solutions.

Gold Store Management System

- Implemented linking functionality to streamline operations in the gold store management system.
- Connected modules for automated processes such as gold transactions, inventory updates, and reporting.
- Enhanced user experience with smoother interactions and improved satisfaction.
- Optimized inventory management with real-time tracking and scalability for future growth.
- Updated data architecture and seamlessly integrated linking functionality with existing modules.
- Transformed the system into a more efficient and dynamic ecosystem, driving customer satisfaction and operational efficiency.

Workerlot

- Contributed to the development of Workerlot, a platform linking workers with service providers.
- Responsibilities included database management and back-end web development.
- Emphasized ensuring functionality and seamless user experience.
- Utilized PostgreSQL for efficient data management.
- Associated with BuiltInSoft.
- Collaborated with other contributors on the project.

Skills

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|-------------------------|----------------------------|
| • Python | • Django |
| • Flask | • FastAPI |
| • Django REST Framework | • Back-End Web Development |
| • RESTful APIs | • Microservices |
| • Project Leadership | • Team Collaboration |
| • Problem Solving | • SQL |
| • Database Optimization | • Bitbucket |
| • Celery | • PostgreSQL |
| • Git | • Docker |
| • Agile methodology | • AWS |
| • ORM | • SQLAlchemy |

Education

Bachelor of Science in Computer Science,
Khawaja Fareed University of Engineering & Information Technology

2018 Mar – 2022 Feb
 Rahim Yar Khan,
 Pakistan