Ruslan Prusakov

Python Backend Developer

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Summary

Highly motivated and results-oriented Python Backend Developer with 4+ years of experience building and deploying scalable web applications and services. Proven ability to lead teams, manage projects, and deliver high-quality solutions within demanding deadlines. Currently residing in Portugal and seeking a challenging role in an innovative international company, either remotely or locally, leveraging expertise in Django, Flask, and cloud technologies.

Experience

Python Backend Developer | Music Solutionq | Remote | Feb 2023 – Present

- Developed a comprehensive commercial audio player for B2B clients, enabling scheduled playback of music and advertising tracks. The project was built using the FastAPI framework. I implemented asynchronous track loading, increasing upload speed from 3 seconds to 1 second. I restructured the database table, reducing the number of records with a single foreign key from 4,000 to 7. Database query optimization reduced the number of queries by half. Implemented multi-currency support, enabling the company to attract and support contracts with international clients. Developed a reporting system for regulatory bodies, eliminating manual work and the need for a dedicated role. Learned frontend technologies (React), allowing me to handle both backend and frontend tasks, eliminating the need to hire an additional developer. Optimized the frontend code to prevent unnecessary component re-rendering, improving page load speed. Tech stack: Python, FastAPI, PostgreSQL, Kafka, RabbitMQ, Firebase, Docker, Git, Pytest, HTML, CSS, React, React-Redux, React-Native.
- Fully developed the backend for a new freelance exchange from scratch, using Django, Django REST Framework, PostgreSQL, Celery, Docker, et**c.** Developed and implemented PostgreSQL data models, including index and relationship definitions. Restructured table relationships to improve database queries and reduce the number of queries by half. Integrated Tinkoff Bank and AdvCash payment systems. Redesigned the client account crediting process, delegating it to a Celery task, eliminating client wait times for deposits. Developed a referral program, a personal account and bonus system, and a system for generating contracts and invoices for individuals and legal entities. Managed a team of two developers, assigning tasks and overseeing their completion, ensuring project completion on time and within budget. However, the project was not further developed due to funding issues.

Backend Developer IWestern Company I May 2021 – March 2023

- Developed the backend for an online store using Django, including PostgreSQL database design, query optimization, payment system integration, and a reporting system for sales, profit, expenses, and markup, resulting in a 25% increase in order processing speed. Designed and implemented a customer bonus system and customer categorization system, increasing the average check by 10%. Conducted application testing, reducing the number of bugs by 50%.
- Backend for a charitable foundation website (slkrug.ru): Developed registration/authorization sections (email/phone number, Knox), password validation, a personal account, and a reporting system using Django REST Framework.
- Data collection and analytics for a network of 5 stores on Ozon: Developed a system for collecting data on sales, commission calculations, and logistics using asyncio, aiohttp, aiofiles, Google Sheets API, gspread, and the Ozon API. The system automatically updates data in Google Sheets daily. Automated data collection, reducing time by 80%.
- Website parsing for spare parts (avto_pars): Developed a parser for collecting data on 50,000+ spare parts, saving 36 hours of manual work.

Education

Higher Education: Kazan State Power Engineering University, Industrial Power Engineering, Information Systems and Technologies.

Professional Development:

  * Python Algorithms and Data Handling (Bauman Moscow State Technical University, 2024)
  * Working with Databases in Python (University of Michigan, 2023)
  * Python for Data Science, AI & Development (IBM Applied AI Specialization, 2023)

Languages English (Fluent) , Russian (Native), Portuguese (Basic)

Skills: Python, Django, Flask, FastAPI, aiohttp, Celery, Django REST Framework, PyTest, Selenium; PostgreSQL, MySQL, SQLite; Kafka, RabbitMQ; AWS, Heroku, DigitalOcean; Docker, Kubernetes, Git, CI/CD; HTML, CSS, JavaScript, React; Tinkoff Bank, AdvCash; RESTful APIs, Asynchronous Programming, Authentication (Knox), Firebase, Google Sheets API.

Additional Information

Proficient in core software development concepts. Results-oriented with a commitment to high quality. Enthusiastic about snowboarding, travel, and chess (1500 rating).