Smoliarov Konstantin

Male, 28 years, born on 20 May 1995

Contacts

+7 (923) 287-73-58
Телефон подтвержден
smokost@gmail.com — preferred means of communication
https://github.com/smokost/CV

Method of contact

 LinkedIn

Montenegro, not willing to relocate, not prepared for business trips

Python developer

2 750 USD in hand

Specializations:
   — Programmer, developer

Employment: full time, part time
Work schedule: full day, shift schedule, flexible schedule, remote working

Work experience 4 years

January 2023 — currently 6 months	**Aola.ai INC** aola.ai IT, System Integration, Internet — Software Development **Python Developer** Development of Rest APIs using Django (monolith) and FastAPI (microservices), integration with data sources, integration with OpenAI, and maintenance of services. Worked in a startup within a small team, writing code from scratch, designing project architectures, handling one subproject per developer, and having full autonomy in problem-solving.

- Development of REST APIs using Django/DRF
- Development of REST APIs using FastAPI
- Testing for compliance with business logic (limited time allocated for comprehensive testing)
- Independent development of a service to populate the MongoDB database with user activities
- Integration with BrightData parsers
- Integration with activity sources (ticketmaster, tiqets, yelp)
- Writing clean, readable, and scalable code
- Handling numerous background tasks with Celery
- Configuration of Gitlab CI/CD

June 2022 —
january 2023
8 months

Uveon
Moscow, termidesk.ru/
IT, System Integration, Internet
— Software Development

Server development specialist
Development and maintenance of new and existing code in Python/Django/DRF
Integration with virtualization platforms (oVirt, OpenStack, PC SV BREST)
Integration with SSO providers (Saml 2.0, OpenID)

The project is not typical web development but equally interesting. Development considering back- and forward-compatibility within a blue-green deployment approach - new code (and database migrations) should not cause errors in the operation of instances on the previous version. Learned the technique of editing change history through git squash and git rebase. There is a lot of outdated legacy code remaining from the Python 2.7 era. Involved in extensive code reviews. Participated in interviewing other developers. Reached a confident Middle+ level.

Reason for leaving the company:
- Moved to Montenegro

Responsibilities included:
- REST API for client application
- Extensive unit testing, allocating 70% of development time for testing
- Refactoring of outdated code
- Optimization of authentication through MS AD, LDAP - resolved the issue of slow search in a large distributed directory, accelerated authentication by 70%.
- Migration of background tasks from a custom task manager to Celery/RabbitMQ
- Developed Django Middleware for SSO SAML 2.0 authentication

Additional information:
- Completed all tasks from the first two-week sprint in this team within a week and handled the remaining sprints quickly as well. Successfully tackled all the most challenging tasks.

July 2021 — june 2022
1 year

supl.biz
supl.biz

Python Developer
Development of REST APIs in Python/Django/DRF, development of microservices, backend and frontend (ReactJS) development of an internal CRM system.

More experience working in a team. First experience working with Scrum. Working with a large project and legacy code. Explored RabbitMQ and the AMQP protocol, implemented custom workers (Celery was not used at all). Deeply familiar with Django/DRF and Django ORM. Acquired skills in code review and conducted interviews independently. Reached a Middle level proficiency.

Reason for leaving the company:
- I grew as a professional and didn't see opportunities for further growth + decided to move to another city.

Responsibilities included:
- Project maintenance, refactoring, and optimization of outdated code, optimizing queries through Django ORM and raw SQL.
- REST API development for frontend and internal administration.
- Implemented numerous unit tests for REST APIs and backend business logic.
- Generated various CSV table exports from the database for business analytics purposes.
- Optimized email delivery and accelerated workers.
- Worked extensively with legacy code, debugging, and optimizing outdated code.
- Developed an internal administration panel using ReactJS and the ant.design component library.

Additionally:
- Started a personal pet project to explore new technologies and conduct experiments.

July 2020 — july 2021
1 year 1 month

Startup SRF digital
Krasnoyarsk

Web-developer
Development of REST API on Django, QA.

First experience working in a team using the Django/DRF, Celery, Redis, PostgreSQL stack. Became proficient in Docker and Docker-compose.
Progressed to a confident Junior+ level.

Reason for leaving the company:
- Unfortunately, the project closed down and the team was disbanded, but it was a very interesting experience.

Responsibilities included:
- Developing REST API on Django/DRF for the frontend.
- Writing numerous unit tests for the REST API on Django/DRF.
- Conducting extensive work on writing system tests using Selenium and pytest.
- Running a project consisting of frontend, backend, and system tests through docker-compose. This involved launching a browser, opening frontend pages, and testing a significant amount of business logic on various pages under different conditions.
- Integrating Trello with a Telegram bot and Google Sheets.

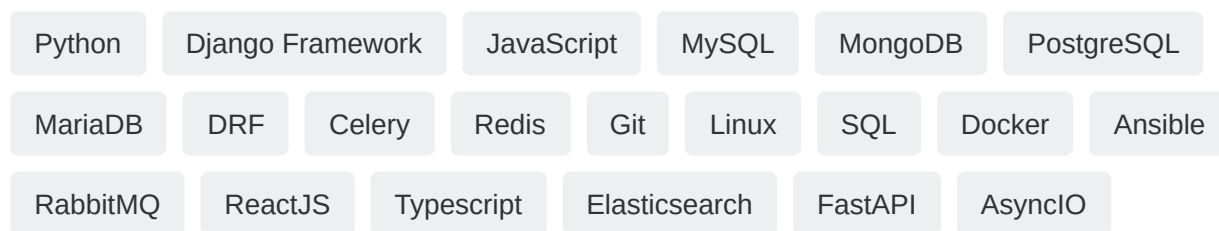|	
July 2019 — july 2021 2 years 1 month	**Freelance** Krasnoyarsk

Web-developer
API development, backend for web applications. Linux administration. Web scraping. Telegram bots.

There were numerous diverse projects. Acquired initial skills in web development using Python. Progressed to a junior-level developer. Learned touch typing.

Responsibilities included:
- Developing web scrapers and Telegram bots
- Familiarity with MySQL and PostgreSQL, utilizing raw SQL
- Studying Python's multithreading capabilities
- Learning Selenium
- Using Bottle and Aiohttp for REST API development and building custom admin panels with pure HTML/JS/CSS

- Worked on a significant project automating Telegram accounts
- The project is still operational for the client
- Later rebuilt it from scratch as a personal pet project
- Utilized extensive multithreading
- Created a custom Python-based processor as a separate service, launching Telegram accounts in separate processes and managing them. Later realized that this could be done more easily with Celery))
- Developed an admin panel and models in Django for sending commands to the processor service to manage Telegram accounts
- Integrated with Google Sheets to download the configuration for each Telegram account
- Created a REST API for integration with external applications

- Implemented microservices on Yandex Functions
- Gained experience with cloud solutions on Yandex Cloud
- Developed a Telegram bot using Yandex Functions
- Worked extensively with MongoDB
- Integrated with text recognition and SMS sending services
- Generated PDF invoices for payment purposes

Key skills

Python   Django Framework   JavaScript   MySQL   MongoDB   PostgreSQL

MariaDB   DRF   Celery   Redis   Git   Linux   SQL   Docker   Ansible

RabbitMQ   ReactJS   Typescript   Elasticsearch   FastAPI   AsyncIO

Driving experience

Driver's license category B

About me

"You're amazing" - that's how product managers and team leads describe me.

I have achieved a high level of expertise in developing of high-load systems using Python. I understand the nuances that many developers overlook. I often dive into library source code to gain a deeper understanding and have picked up many useful insights from there. I solve tasks virtuosically, quickly, and with high quality. I find my own paths to solutions and know how to select the optimal technologies. I am always available, meet deadlines, and have the ability to set them. I willingly share my knowledge with colleagues.

I write incredibly clean and readable code. I can easily read and refactor legacy code correctly. I work with both monoliths using Django/DRF and small services using FastAPI. Additionally, I develop services in pure Python without frameworks. I create my own libraries for project usage. I experiment a lot and refine my skills in my own pet projects. You can look at some examples of my code here:
https://github.com/smokost/CV/tree/main/portfolio

I effortlessly build multithreaded/multiprocess/asynchronous services. I test my code thoroughly. I have deep knowledge of Git commands and know how to use git-rebase for editing commit history and avoiding unnecessary commits.

I have a good knowledge of Linux (Ubuntu/Debian) and can write Bash scripts. I can launch my code on a server using systemd, supervisor, or Docker (but not yet with Kubernetes). I'm familiar with the syntax of server configuration for Nginx/Apache. I have knowledge of GitLab CI/CD and write my own pipelines for linting, testing, and deployment. I'm acquainted with Ansible, although not extensively.

Higher education (master)

2019   **Siberian Federal University, Krasnoyarsk, Russia**
Institute of the engineer physics and radio electronics, Physics of the magnetic phenomena

2017   **Siberian Federal University, Krasnoyarsk, Russia**
Institute of the engineer physics and radio electronics, Nuclear physics and technologies

Languages

Russian — Native

English — B1 — Intermediate

Citizenship, travel time to work

Citizenship: Russia
Permission to work: Russia
Desired travel time to work: doesn't matter