



# Смоляров Константин

Male, 29 years, born on 20 May 1995

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LinkedIn: <https://linkedin.com/in/smokost>

Another site: <https://github.com/smokost/CV>

Reside in: Montenegro

Citizenship: Russia, work permit at: Russia

Not ready to relocate, not ready for business trips

## Desired position and salary

### Python Developer Software Engineer Middle+/Senior

3 500

€

Specializations:

— Programmer, developer

Employment: full time, part time

Work schedule: full day, shift schedule, flexible schedule, remote working

Desired travel time to work: any

## Work experience — 5 years 8 months

July 2023 — till  
now  
1 year 8 months

### Vivid Money

Cyprus

Financial Sector

• Banking

### Python Software Engineer

- Maintaining a large legacy codebase, optimizing code and database queries, and developing new services as part of the customer care team. Refactoring a vast array of services to unify their architecture, making code maintenance easier, reducing dependencies, and improving scalability.

- Developing services and APIs for the mobile app and internal CRM system.

- Built a large service for tracking customer tickets, creating surveys, requesting documents, and facilitating efficient communication between support agents and customers. This service was later integrated with various task and ticket trackers (Jira and in-house solutions).

- Independently planned and decomposed sprint tasks, designed the technical architecture of applications, participated in grooming and planning meetings with product managers, and formulated business requirements.

January 2023 —  
July 2023  
7 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/](https://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](https://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
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- 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

Education

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Master

2019	<b>Siberian Federal University, Krasnoyarsk, Russia</b> Institute of the engineer physics and radio electronics, Physics of the magnetic phenomena
2017	<b>Siberian Federal University, Krasnoyarsk, Russia</b> Institute of the engineer physics and radio electronics, Nuclear physics and technologies

Skills

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Languages	Russian — Native English — B2 — Upper Intermediate
Skills	<div>Python Django Framework JavaScript MySQL MongoDB PostgreSQL</div> <div>MariaDB DRF Celery Redis Git Linux SQL Docker Ansible</div> <div>RabbitMQ ReactJS TypeScript Elasticsearch FastAPI AsyncIO</div>

Driving experience

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Driver's license category B

Further information

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About me	<p>I have achieved a high level of professionalism in developing high-load systems with Python. I understand many subtle aspects that I have learned through trial and error. I often dive into the source code of libraries for a deeper understanding and have gained many useful insights from it. I solve tasks skillfully, quickly, and efficiently, finding solutions and optimal technologies on my own. I am always available, meet deadlines, and know how to set them. I gladly share my knowledge with colleagues.</p> <p>I write clean and readable code. I can easily read legacy code and know how to refactor it properly. I work with monoliths on Django/DRF, as well as small and large services on FastAPI, and I also</p>
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develop services in pure Python without using frameworks. I write custom libraries for use in projects. I experiment a lot and refine my skills through my own pet project.

I have a deep understanding of multithreaded, multiprocessing, and asynchronous programming. I ensure my code is well-covered with tests. I have excellent Git skills and use git-rebase to edit history and avoid unnecessary commits. It bothers me when I see chaotic and non-descriptive commits.

I am proficient in Linux, work on Ubuntu, and can write Bash scripts. I deploy and run my code on servers using systemd, Supervisor, or Docker. I have some understanding of working with Kubernetes. I am used to working with a good DevOps team. I know the syntax for configuring Nginx/Apache servers. I am familiar with GitLab CI/CD and write my own pipelines for linting, testing, and deployment. I have some knowledge of Ansible and Helm, though not extensively.