

Curriculum vitae

Personal data

Name: Konstantin K.

Technical Knowledge and Skills

Django, Python



Konstantin is passionate about artificial intelligence and problem-solving.

As a Lead Python developer, he has created data model pipelines for Test and Production environments with Apache Airflow for ETL and model creation, including creating connectors to S3, Dynamo DB, Oracle DB, and REST APIs. Several AI-based products were created from scratch by him and his team with Python, including image processing services to clean up Data Warehouse using Flask, Kafka, and YOLO v2.

He has solid experience in managing the development, quality control, and organizing acceptance testing, as well as evaluating team performance and creating MVPs for new business ideas.

He has knowledge of how to control and motivate remote teams.

Education

September 2008 —
June 2015

Russian Federation
Informatics and computer engineering, Branch of Moscow
State University instrumentation and computer science

Work experience

June 2018 -

Recruiting agency, Remote

December 2019

Hands-On Software Engineering Lead

- Managing engineering, DevOps and Data Science teams:
- Managing the development process in the Central Factory paradigm
- Weekly release cycle support (SE7)
- Communication with all employees and departments of the company in the planning and control process
- (Maintenance, Feature, HUT, QA, AutoQA, Sales, Marketing, Product groups)
- Resolution of operational, resource and other conflicts
- Minimization of development team downtime and release delays

July 2015 -
December 2020

Information Technology & Services, Russian Federation
Lead Data Scientist / Lead Python Developer

- Leading up to 4 data scientists and 5 other engineers (Scrum, Kanban, Waterfall)
- Complete control over data management and model creation
- Project and team budget management
- Negotiation with clients about business value of Machine Learning
- Cost optimization for infrastructure
- KPI implementation (including OKR)
- Responsible for efficiency of Data Science team

August 2014 -
June 2015

Finance, Russian Federation
QA Lead

- Estimating testing costs.
- Testing team management.
- Test-design, development / update of test scenarios and test plans.
- Planning and implementation of Business User Acceptance Testing.
- Development and implementation system auto tests.
- Assistance in organization Dry Run and Roll out.

July 2012 -
June 2014

Security consulting management, Russian Federation
Test Lead \ Python developer

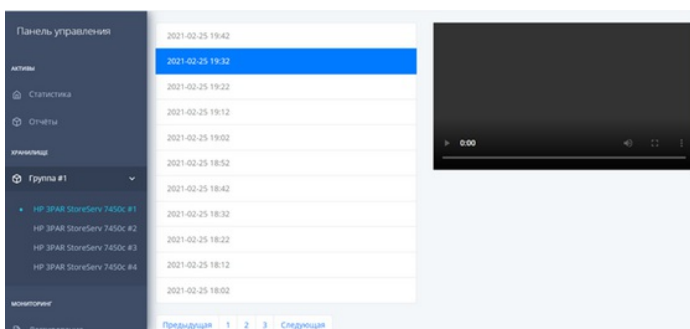
Responsibilities as a Python developer:

- Backend development of web-application including syncing services
- Frontend development for application entities and lists, security entities versioning
- Created integration with VMWare vCenter

Responsibilities as a Test lead:

- Defining a product testing strategy
- Planning, documentation, and control of all works on testing of company products
- Managing a team of testers and recruiting employees to the testing department
- Test-design, development/update of test scenarios and test plans including load testing and unit testing (pytest)
- Preparation of test and demonstration environment
- Acceptance testing

Portfolio



Asset management / Business services

December 2018 - February 2021

Administrative portal for images processing service using YOLO. It is created to identify an access to the restricted area. The portal is used to check the Data Warehouse cleanup including statistics on number of video files that were deleted, storage details, etc.

Technologies used:
Python, Django

Product Name	Product Version
СПФ	1.0.0
Композитные сервисы шимы	1.1.9
МПУ	1.0.1
ЕМИАС.СУП.Запись.2	1.11.3
ЕТД.2	1.6.1
ЕМИАС.СУП.Контактент	5.11.0
СУП.РыР	2.3.2.4

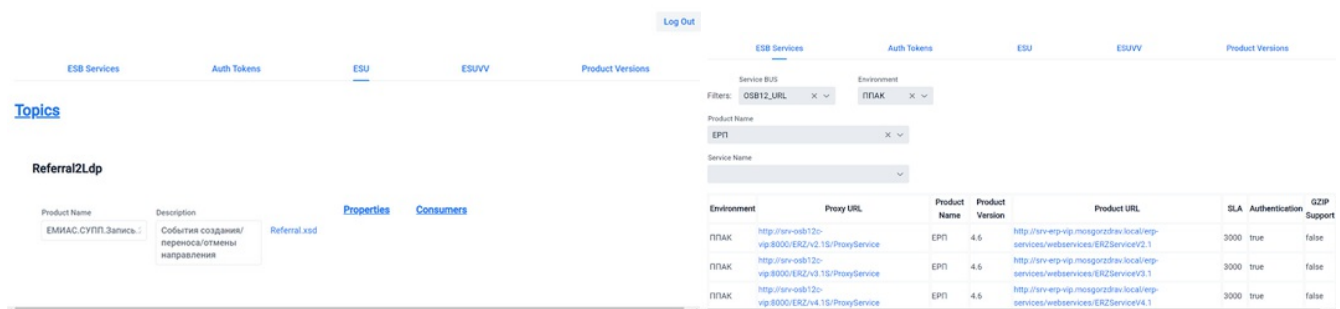


Release optimization / Project management

September 2017 - February 2021

Release management portal is used to identify release gaps, testing reports and to collaborate with the team on fixing release issues. As a lead developer I need information about my product quality and release gaps to plan my activities of deploying new version of products. Data is stored in different systems like Jira, Jenkins, Artifactory, external documents. It is hard to compile all these data to some kind of decision without great mental work. My team have created a release dashboard to control the quality of each artifact that is being deployed to production.

Technologies used:
Python, Django



Product Name	Description	Referral.xsd	Properties	Consumers
ЕМИАС.СУП.Запись.2	События создания/переноса/отмены направления	Referral.xsd		

Environment	Proxy URL	Product Name	Product Version	Product URL	SLA	Authentication	GZIP Support
ПЛАК	http://env-erb12c-vip-8000/ERZ/v2.1S/ProxyService	ЕРП	4.6	http://env-erp-vip-mosgorzdrav.local/erp-services/webServices/ERZServiceV2.1	3000	true	false
ПЛАК	http://env-erb12c-vip-8000/ERZ/v3.1S/ProxyService	ЕРП	4.6	http://env-erp-vip-mosgorzdrav.local/erp-services/webServices/ERZServiceV3.1	3000	true	false
ПЛАК	http://env-erb12c-vip-8000/ERZ/v4.1S/ProxyService	ЕРП	4.6	http://env-erp-vip-mosgorzdrav.local/erp-services/webServices/ERZServiceV4.1	3000	true	false

CMDB / Infrastructure management

September 2016 - August 2017

CMDB portal for managing Kafka and Oracle OSB.

Technologies used:
Python, Django

Asset management / Information security

August 2012 - June 2014

Poligon is a distributed system for collecting security objects and testing these objects on different environments, checking exploits and patches for them. The System is integrated with vCenter to start\stop\create VMs and to test exploits and patches.

Technologies used:
Python