

Alexander Pitkin

Python/Django developer

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Education

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|---------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 2015-2017 (master) | Master of informatics and and computing, The chair electronic computing machines; Belarusian state university of informatics and radio-electronics <i>Minsk, Belarus</i> |
| 2010-2015 (bachelor) | Systems engineer, The chair electronic computing machines; Belarusian state university of informatics and radioelectronics <i>Minsk, Belarus</i> |
| 2006-2010 | Technician on telecommunications, Software telecommunications networks; The Highest State College of Communications, Vitebsk branch <i>Vitebsk, Belarus</i> |

Skills

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|--------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------|
| Language/Programming: | Python Javascript/TypeScript Bash CSS (LESS/SASS/Stylus) HTML C/C++/C#/Java/Delphi |
| Frameworks/Techologies: | Django/Django Rest Framework Flask FastAPI SQLAlchemy/GeoAlchemy 2 NodeJS AngularJs/Angular 2+ RxJS React Native/Android SDK |
| Systems: | Linux Windows |
| Databases: | SQL Postgres |

MSSQL
MySQL
Redis
Memcached
ElasticSearch

Project/Task Asana
Management Trello
Tools: JIRA

Experience (7+ years)

2017 - present iTechArt, Software Engineer

Senior fullstack developer

2014 - 2017 Nord-Soft, Python/Django developer

Creating and maintenance web sites using django. Creating web site API using *Django Rest Framework*, Database development Working with frontend (Javascript, JQuery, AngularJS/Angular2+, CSS/LESS)

Projects

1. Real Estate Portal printing service - Project Web service to make pdf for a given URL description
 - *Stack*: NodeJS, Express, Puppeteer, bull
 - *Role*: Senior Software Engineer
 - *Responsibilities*:
 - * Developed express API
 - * Developed Puppeteer integration
 - * Developed Docker and CircleCI integration
 - * Added API tests and compare PDF tests
2. Real Estate Portal API microservices - various API microservices for real estate portal
 - *Stack*: Django, Flask, FastAPI, SQLAlchemy, Postgres, Postgis, Redis, Docker, Kubernetes
 - *Role*: Senior Software Engineer
 - *Responsibilities*:
 - * Implement API microservice
 - * Split monolithic application into microservice
 - * Setup service integration
3. Real Estate Portal: Data Intelligence Board - A Web application that allows users to: - obtain price valuations and prediction for the real estate property - understand the market - explore the surroundings (location & nearby)
 - *Stack*: AngularJs, Angular, Django, Flask, SQLAlchemy, HTML 5, CSS3, Alembic, Docker, Mapbox, Google Maps API, PostGIS, PostgreSQL
 - *Role*: Software Engineer
 - *Responsibilities*
 - * Implemented a new version of the Web API with Flask and SQLAlchemy
 - * Reworked big subsets of the data model and updated the database schema accordingly
 - * Developed and implemented the front-end application
 - * Migrated a big live application from AngularJS to Angular2
 - * Integrated the app with other services

4. Driving licence exam booking system.
 - *Stack*: Django, React.js, Celery, PostgreSQL, Redis, Docker, Traefik
 - *Role*: Senior Software Engineer
 - *Achievements*:
 - * Developed the back-end
 - * Designed the data model and implemented the database schema
 - * Implemented the deployment part and deployed the application
 - * Added the Celery application
 - * Optimized performance
5. Web portal for management students housing. The portal handles the entire student leasing experience and provides easy tools to help managers track assignments, payments, and communication
 - *Role*: Software Engineer
 - *Back-end development*:
 - * Models design
 - * Logic/architecture design
 - * Django views
 - * REST API for 3rd party applications, mobile and front-end
 - * Payment system integration
 - * DB and site loading optimization
 - *Front-end development*:
 - * CSS/HTML
 - * Angular templates development
 - * Back-end Integration
 - *Main technologies and products used*: Python/Django, Celery, AngularJS, HTML/CSS, JavaScript/Coffee-script, jQuery, OAuth, PostgreSQL, Stripe API
6. User generated news portal. Allow user to rate news and change public news ratings
 - *Role*: Software Engineer
 - *Back-end development*:
 - * Models design;
 - * Logic/architecture design
 - * Django views.
 - * REST API for front-end
 - * Celery tasks
 - *Front-end development*:
 - * CSS/HTML
 - * Angular templates development
 - * Back-end Integration
 - *Main technologies and products used*: Python/Django, AngularJS, Celery, HTML/CSS, JavaScript, jQuery, jQuery.ui, PostgreSQL, Redis
7. Person Health Assistance – user personal health assistance application. Application encourage healthy user habits.
 - *Role*: Software Engineer
 - *Back-end development* :
 - * database development and maintenance;
 - * backend and frontend implementation- add new features;
 - * bug fixes;

- * DB and site loading optimization;
- * implementing Django templates;
- *Main technologies and products used:* Python/Django, HTML/CSS, JavaScript, jQuery, jQuery.ui, Backbone, Celery, MSSQL Server, Google Cloud Messaging

Languages

Russian native

English intermediate+

Cerificates

Cisco Certified Network Associate(CCNA Routing and Switching (v5.0)), 2015 Cisco Networking academy

Linux development courses, 2014 EPAM

Android Development training, 2013 ForteKnowledge

Cisco Certified Network Associate (CCNA1, CCNA2), 2008-2009 Cisco Networking academy — Toronto, CANADA

Programming in python, 2011 INTUIT NATIONAL OPEN UNIVERSITY <http://www.intuit.ru/verifydiplomas/00119534>

Others

My Github profile <https://github.com/peleccom>

My Linkeln profile <https://www.linkedin.com/pub/alexander-pitkin/57/1a4/9b2>

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