



Alexander Pitkin

Fullstack Python/JS developer

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Profiles

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Summary

Experienced Fullstack Developer with 10+ years in software engineering, specializing in Python (Django, Flask, FastAPI) and JavaScript (Angular, React). Delivered scalable solutions in HealthTech, Real Estate, E-commerce, and FinTech. Skilled in system design, API development, and frontend integration. Strong understanding of OOP, design patterns, and Agile practices. Proven ability to work independently and in cross-functional teams to deliver production-ready software.

Experience

iTechArt 2017-10 - Present

Senior fullstack developer

Develop various platforms using modern backend and frontend technologies. Took part in the full development cycle — from requirements discussion to deployment and monitoring. Actively participated in knowledge-sharing activities, mentored junior developers, and contributed to architectural discussions and decision-making processes.

Nord-Soft 2014-02 - 2017-10

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)

Education

Belarusian state university of informatics and radioelectronics 2015 - 2017

Master of informatics and and computing, The chair electronic computing machines Minsk, Belarus

Belarusian state university of informatics and radioelectronics 2010 - 2015

Systems engineer, The chair electronic computing machines Minsk, Belarus

The Highest State College of Communications, Vitebsk branch 2006 - 2010

Technician on telecommunications, Software Vitebsk, Belarus telecommunications networks

Certifications

Cisco Certified Network Associate(CCNA Routing and Switching (v5.0))

Cisco Networking academy
2015-04

Linux development courses

EPAM
2014-04

Android Development training

ForteKnowledge
2013-05

Cisco Certified Network Associate (CCNA1, CCNA2)

Cisco Networking academy —
Toronto, CANADA
2009-05

Programming in python

INTUIT NATIONAL OPEN
UNIVERSITY
2011-03

Projects	
B2B payments platform	2024-12 - Present
Modern B2B payments platform to simplify buseness purchases	
Role:	
Senior Software Engineer	
Stack:	
Flask, SqlAlchemy, PostgreSQL, Alembic, GCP, Svelte	
<ul style="list-style-type: none">Developed payment gate solution to make bank universal bank integrationDeveloped a new payment flow processing for specific clientsOnboard new merchant countryDevelop new authorisation flow processing	
B2B, fintech	
Personal Medical App	2023-07 - 2024-10
The delivered solution helps users to find and purchase optimal weight programs, healthy food, and drinks. Users can find a coach who will help them to achieve their weight and health goals.	
Role:	Senior Software Engineer
Stack:	FastAPI, AWS Lambda, AWS, PostgreSQL, DynamoDB, pytest, Amazon Rekognition, SQLAlchemy
<ul style="list-style-type: none">Develop a solution for uploading media content with computer vision algorithms to filter inappropriate imagesDeveloped serverless API based on AWS lambdasImproved test setup and test performanceDelivered and automated schedule service	
Real Estate Portal printing service	2018-05 - 2020-02
A web service that turns provided web resources into PDF files. Documents should be delivered to users as fast as possible.	
Role:	Senior Software Engineer
Stack:	Node.js, Express, Puppeteer, bull, CircleCI, Docker
<ul style="list-style-type: none">Developed the Express API to serve user requestsImplemented job queue service to put user requests in queuentegrated Puppeteer library for seamless PDF documents generation with specific paramsImplemented CI/CD pipeline with docker and CircleCIAdded API tests and PDF comparison tests.	
Real Estate Portal API microservices	2020-07 - 2024-12
Various API microservices for real estate portal	
Role:	Senior Software Engineer
Stack:	Django, Flask, FastAPI, SQLAlchemy, Postgres, Postgis, Redis, Docker, Kubernetes
<ul style="list-style-type: none">Implement API microserviceSplit monolithic application into microservicesDevelop backend packages to reuse in different microservicesCreate complicated geospatial queries to fetch required dataSetup service integration	
Leading global eGift card platform	2019-03 - 2023-04
Leading global eGift card platform with operations in Australia, North America, United Kingdom and New Zealand. It enables customers and businesses to purchase gift cards from various gift card providers. Project aims to simplify and enhance the gift-giving experience by allowing users to purchase, send, and receive digital gift cards from a wide range of popular retailers and brands. For business it allows to create a bulk of gift cards and make mass delivery for clients for any occasion.	
Role:	Senior Software Engineer
Stack:	Django, FastAPI, AWS, AWS lambda, celery, PostgreSQL, pytest, Graphene-Django, SOAP, Stripe, DRF, AWS DynamoDB
<ul style="list-style-type: none">Analyzed better ways and potential risks of new gift cards integrations via different API interfaces and built a robust API integration between the platform and different 3rd party gift cards providersOptimized the API integration which allows to minimize client support requests caused by network issues or 3rd party APIs failuresDeveloped the microservice to improve site performance and isolate API integration logicImproved the usability of admin panel along with the performance of pages which is highly used by customer support serviceDeveloped integration between new microservice and existing siteWrote a highly testable code with different test cases and live tests that monitor the health of external servicesResolved issues with technical experts of gift providers while working on the integrations with private APIs.	
Real Estate Portal: Data Intelligence Board	2017-11 - 2024-12
The client is a fast-growing PropTech startup that leverages machine learning to provide reliable valuations and predictive analytics for the real estate market. Their web application allows users to: - obtain price valuations and prediction for the real estate property - understand the market - explore the surroundings (location & nearby).	
Role:	Senior Software Engineer
Stack:	Angular, AngularJS, Django, Flask, SQLAlchemy, HTML 5, CSS3, Alembic, Docker, Mapbox, Google Maps API, PostGIS, PostgreSQL, FastAPI, DRF, Postgis
<ul style="list-style-type: none">Implemented a new version of the Web API with Flask and SQLAlchemyCreated complex geospatial queries to fetch required data from the databaseLead migration a big live application from AngularJS to Angular without downtimeIntegrated MapBox to the platform and added an ability for users to interact with the map (drawing above the map, highlighting necessary objects, etc.)Split monolithic backend application into microservices and developed backend packages to reuse in different microserviceWorked on data visualization part, including data representation on lists, charts, mapsDeveloped a set of custom reusable data charts using D3.js libraryReworked big data model subsets and updated the database schema accordinglyIntegrated the app with other services (backend, analytics, logging and crash systems)Led technical team of 6 engineers	
Driving licence exam booking system	2018-02 - 2018-06
The client is creating a booking system designed to simplify the experience of passing a driving license exam. The platform allows to book time slots for driving exams, while minimizing user efforts on passing practical and theoretical exams (thanks to the platform users were able to pass both exams within one day)	
Role:	Senior Software Engineer
Stack:	Django, React.js, Celery, PostgreSQL, Redis, Docker, Traefik
<ul style="list-style-type: none">Developed the backend API from scratchDesigned the data model and implemented the database schemaUsed best practices to set up the deployment process and deployed the application to production environmentAdded the Celery application to run scheduled time slots bookingOptimized application performance	
Web portal for management students housing	2015-02 - 2017-03
The client creates a web portal designed for students' housing management. Room Choice handles the entire student leasing experience and provides easy tools to help property managers track assignments, payments, and communication with tenants. Highly customizable frontend allows to create a personal site for each property with individual features.	
Role:	Senior Software Engineer
Stack:	JavaScript, AngularJS, Python, Django, PostgreSQL, Celery, HTML5, CSS3, CoffeeScript, OAuth, Stripe API, Mapbox, AWS Lambda
<ul style="list-style-type: none">Designed the architecture of the app's frontend designed to book the property based on availability of property and student personal preferencesDeveloped a new features and pages of booking wizard with user-friendly UIBuilt the integration between frontend and backend to store user's booking informationIntegrated the solution with MapboxIntegrated with Stripe payment system for seamless payments collectionOptimized database queries and site overall performance.	
User generated news portal	2014-02 - 2014-11
Web service which allow users to rate news and change public news ratings	
Role:	Software Engineer
Stack:	Python/Django, AngularJS ,Celery, HTML/CSS, JavaScript, jQuery, jQuery.ui, PotgreSQL, Redis
<ul style="list-style-type: none">Designed data models to support dynamic content and user interactionsArchitected and implemented business logic to ensure efficient data flowImplemented background tasks using Celery for scheduled news rating updatesCreated responsive and modern layouts using CSS/HTML	
Personal Heath Assistance	2014-04 - 2016-01
User personal health assistance application designed to encourage users develop their healthy habits and lifestyle. Mobile application allows users to set up goals and do daily exercises to get award points. Health plan is created individually for each user.	
Role:	Software Engineer
Stack:	Python, Django, Django REST Framework, Celery, HTML5, CSS3, Google Cloud Messaging, MS SQL Server, jQuery
<ul style="list-style-type: none">Designed the data model and the database schema to optimize database queries;Developed the RESTful API for the frontend and mobile application;Optimized database and site performance of high loaded application operating with big amount of user data;Integrated cloud messaging system for the mobile application to send personalized announcements for users.	

Skills
Language/Programming
Python, Javascript/TypeScript, Bash, CSS (LESS/SASS/Stylus), HTML, C/C++/C#/Java/Delphi/Dart, SQL
Frameworks/Techologies:
Django/Django Rest Framework, AngularJs/Angular 2+, React, FastAPI, Flask/Connexion, SQLAlchemy/GeoAlchemy 2/Alembic, NodeJS, RxJS, React Native/Android SDK/Flutter
Systems
Linux, Windows
Cloud & CI/CD
AWS/Google cloud Platform, CircleCI/Gitlab, Docker/Kubernetes
Databases/Message brokers
SQL, PostgreSQL, MSSQL, MySQL, Redis, RabbitMQ, Memcached, ElasticSearch, DynamoDB
Project/Task Management Tools
JIRA, Asana, Trello, Linear
Languages
Russian
native
●●●●●
English
Upper-intermediate
●●●●○