

<div><div><div><div><div><div></div><div>Nikita Iudenkov</div></div><div><div>Python Backend Engineer</div><div><div><div><div></div></div><div>Novi Sad, Serbia</div><div><div><div></div></div><div>nyudenkov@pm.me</div></div></div></div></div></div></div></div></div>				
Summary	<p>Software engineer with over 6 years of experience in various fields of the IT industry, specializing in backend development using Python.</p> <p>Focused on tackling challenging tasks and maintaining a keen understanding of evolving technology landscapes. My background has provided me experience in system design and scaling, paired with strategic thinking to accomplish tasks effectively.</p> <p>My interest in automation and programming began in childhood, fostering a long-standing passion for technology. I take pleasure in sharing my knowledge and teaching others.</p>			
Experience	<div><div><div><div><div><div>Yollo</div><div>Python Backend Developer</div><div>Development of a social media platform focused on visual content sharing and user engagement. I led the backend development, implementing core features including user profiles, content feeds, interactions, and analytics.</div><div>Designed and implemented a robust media processing pipeline that handled automated conversion of uploaded videos to .mp4 format, compression, and standardization to 1920x1080 resolution, optimizing storage and delivery performance.</div><div>Spearheaded a complex migration project, successfully transferring approximately 90,000 users and 2TB of content from a legacy system. This involved extensive data validation and restructuring of problematic database schemas to ensure compatibility with the new architecture.</div><div>Integrated Keycloak for unified authorization across multiple company services.</div><div>Technology stack: Python, Docker, Jenkins, Keycloak, AWS S3, FastAPI, PostgreSQL, Redis, RabbitMQ</div></div><div><div>Evvve</div><div>Python Backend Engineer</div><div><div><div></div></div><div>https://evvve.net</div></div><div>Evvve is a platform designed for hosting professional events incorporating the facets of social networking and platform-based streaming. I spearheaded the ground up backend development for the platform, contributed to product decision discussions, and provided guidance to designers concerning privacy matters, including GDPR.</div><div>Despite initially having limited experience with AWS, I quickly got to grips with it and implemented a chat feature consisting of two microservices (API and WebSocket), utilizing AWS Lambda and AWS DynamoDB.</div><div>During this experience, I extensively worked with the following tech stack: Python, FastAPI, Sanic, Tortoise-ORM, Redis, Celery, PostgreSQL, Socket.IO, and AWS (specifically DynamoDB, SQS, Lambda, IVS, MediaLive, S3, and Serverless Framework for deployment).</div></div><div><div>Skipp</div><div>Python Backend Developer</div><div><div><div></div></div><div>https://skipp.dev</div></div><div>Skipp is an HR platform dedicated to the construction of remote teams. I worked on platform backend, spearheaded the shift to a microservice architecture, significantly improving the efficiency and scalability of the system.</div><div>Designed and implemented a notification service.</div><div>Worked on connecting many third-party APIs.</div><div>I was engaged in transitioning from Django to FastAPI through comprehensive refactoring efforts.</div><div>Technological proficiencies: Python, FastAPI, PostgreSQL, RabbitMQ, Celery, Redis, Docker.</div></div><div><div>SwapZilla</div><div>Python Backend Engineer</div><div>Developing a trading platform in Python, aiohttp (used Django in one microservice), PostgreSQL, Redis, RabbitMQ and AWS (S3, Cognito, Lambdas) for people trading cryptocurrencies that gives access to many exchanges and provides useful tools.</div><div>Optimized the operation of the service for replenishing/withdrawing balances on the platform, which listened to blocks of transactions within blockchain networks. Developed support for Ethereum.</div><div>I was developing a service that pulled data from exchanges via REST API and websockets.</div></div><div><div>Neurodens Store</div><div>Junior Full Stack Developer</div><div>Development of a backend for online store in Python, Django and PostgreSQL. The Saleor open-source e-commerce engine was used as the basis and has been modified a lot in the process. Developed a frontend with AJAX, SCSS and Codyhouse UI framework.</div></div></div></div></div></div>			
Projects	<div><div><div><div><div><div>Link Kicker</div><div><div><div></div></div><div>https://github.com/nyudenkov/link-kicker</div></div></div><div>Telegram bot written on Python with aiogram that helps people remember to read postponed links (for ex. with some articles)</div></div><div><div><div>TutSovet</div><div>Project Manager / Team Lead / Backend Developer</div><div>I managed development team that consisted of 1 backend, 1 frontend and 1 AI developers, working on TutSovet - a start-up website with event announcements and an application to find someone to go to an event with. We used Python, Django, RabbitMQ, PostgreSQL, and Rust (actix-web with diesel-orm) for backend, and React.js and Codyhouse UI framework for building frontend. Unfortunately, our plans were ruined by COVID-19 restrictions.</div><div><div>Space Station 13</div><div>This is an open-source multiplayer game that was built with closed-source engine called BYOND. I made contributions to one of main forks of this game (/tg/station, 1.3k stars on Github, 4k forks, >1k commits every month)</div><div>Maintained a few Russian-speaking community forks that had more than 25 unique contributors every month. I made main decisions on in-game mechanic suggestions from players, developed protection against multi-accounts usage, optimized already existing solutions. Also hosted own forks.</div><div>Technologies: BYOND DreamMaker, C language, SQL (we used MariaDB), JavaScript (for GUI inside game), Python (for Discord bots that interact with game servers) and Rust for optimization of work with files and database.</div></div></div></div></div></div></div>			
Skills	Python	FastAPI	aiohttp	Django
	SQL	PostgreSQL	Redis	RabbitMQ
	Rust	AWS	DynamoDB	Docker
Languages	Russian Native	English B2	Serbian A1	
Interests	Drums	Psychology	Philosophy	Photography
	Drones	Foosball	Hiking	Backgammon
<div><div><div><div><div><div>THE DNTGVFKRS</div><div>Music project</div><div><div><div></div></div><div>https://youtu.be/UtcT35pYs-s</div></div></div><div>My friends and I found a bunch of electronic gadgets and a drum, and started creating things out of it all. I play percussion in the project. Follow the link - our last performance in the city of Gyumri, Armenia.</div></div><div><div>Personal youtube</div><div><div><div></div></div><div>https://www.youtube.com/@nyudenkov</div></div><div>Here I publish my videos shot on a drone.</div></div></div></div></div>				Dec 2022 - Present