Nikita Avdeev

avdeev.me

Email : mail@avdeev.me
Telegram : @avdeev_me

PROGRAMMING SKILLS

Languages: Python, C#   **Technologies**: Flask, Django, PostgreSQL, Telegram Bots, Google Docs API, Kafka

SUMMARY

With over three years of experience as a software engineer, I have focused on Python and value well-organized team environments where we work together to achieve business goals, resolve architectural challenges, and develop features from concept to release. I find great satisfaction in working on internal and personal projects, and I am constantly looking for opportunities for learning and growth.

EXPERIENCE

- **Aviasales**, Travel metasearch platform with 15M monthly active users — Belgrade, Serbia · Remote
  Python Developer — *Nov 2021 - Present*

  Developing and maintaining a database and APIs for author's travel content and audio guides. Implementing new tools to improve the efficiency of editorial and scout team using Flask, Amazon S3, and Kafka. On-call duty and incident response.

  - **Optimizing Content Uploads**: Accelerated the uploading of travel content by 65% by creating a worker application that parses data from documents using the Google Docs API, queues it in Kafka, and processes it with a consumer. I provided detailed documentation covering the entire technical process for the team and instructions for the editorial team on how to use the application, and also made a presentation to the company's backend developer community.
  - **Data Migration and Efficiency Improvement**: Designed schemas, extended a database, wrote the entire API, and migrated data, including contacts, payments, and personal information for over 4500 local content creators, from Google Sheets to an in-house database, significantly improving data accessibility and management efficiency. This process reduced data retrieval and update times by 50%, while strengthening data security and integrity.
  - **Enhancing User Engagement Through New Tool**: Designed the database architecture and developed the API for the 'Destination Screen' page, enabling the collection of up to 30% of the displayed content and accelerating content delivery time. This efficient process significantly increased user engagement by over 15%.

- **Kirpich**, Digital building materials procurement platform — Ekaterinburg, Russia · Hybrid
  Junior Python Developer — *Dec 2020 - Aug 2021*

  In developing APIs using the Django REST framework, actively participating in creating models, views, and serializers to ensure seamless functionality and integration.

  - **Improving Application Submissions**: Accelerated customer application submissions by reducing form-filling time by 30% through the implementation of a microservice that retrieves addresses and coordinates based on cadastral numbers. This service includes authentication, API integration, and Docker deployment.
  - **Enhanced Contract Signing Process**: Edited the online contract signing sequence and wrote API tests to meet the project's specific needs. Added new models and statuses to the contract signing process.

EDUCATION

- **Ural Federal University**, top 5.4% by CWUR — Ekaterinburg, Russia
  Bachelor's degree in Software Engineering; GPA: 4.76/5.00 — *Sep 2019 – Jul 2023*

PROJECTS

- **GorprojectBot**: A Python bot utilizing a maps API to verify whether a building is within the electoral district of Ekaterinburg, based on entered addresses or geolocation. Created for a candidate's deputy election campaign.
- **Coronavirus-CashFlow**: An educational game developed in C# that teaches fundamental principles of investing and budget management, inspired by the 2020 pandemic and Robert Kiyosaki's book "Rich Dad Poor Dad".
- **Vpnery**: A commercial VPN service implemented in Python and Django, leveraging Outline and Telegram Bots API, Yookassa for payments, and cron jobs for subscription management.

LANGUAGES

Russian (native), English (B1), German (A1; Goethe-Institut, Credential ID: 1180-ASA1-0001835358)