**Georgiy Demenchuk**

**Python Backend Developer**

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**TECHNICAL SKILLS**

Python, Django: DRF/ORM, testcase Flask/FastAPI, SQLAlchemy, Selenium, BeautifulSoup, Pytest, Docker with Docker-compose, ОС Linux, Bash, Swagger with OpenAPI, Git, Jira

**WORK EXPERIENCE**

**EdLeed** (online learning marketplace with thousands of providers offering courses) 2022 – present

***Python Backend Developer***

* Reduced search engine results latency from one second to just 500 milliseconds, leading to faster website loading times and increased user retention
* Developed and deployed an NLP-based categorization model using LinearSVC and RandomForest, enabling efficient classification of educational courses on a website
* Translated client's ideas into actionable business requirements and transformed them into well-defined tasks, resulting in efficient project execution
* Integrated Celery queue to synchronize data between Postgre and ElasticSearch in a Django application, addressing a key business requirement and enhancing the development stack
* Rewrote critical modules, eliminating a significant 5-second delay experienced when users were writing notes, greatly improving the overall user experience
* Implemented Elasticsearch testing into the GitHub Actions CI/CD pipeline, enhancing the efficiency and reliability of the development process.

**PROJECTS**

***Python Backend Developer*** 2020 – 2022

*Client: One of the top 10 banks in Russia*

* Developed a closed-loop print management system for a banking client, ensuring secure handling of sensitive data and preventing disclosure of confidential information
* Collaborated with the front-end and back-end teams to ensure seamless project implementation in a timely manner

***Java Backend Developer*** 2021

*Client: The biggest agricultural company in Russia*

* Developed the backend components of a fruit harvesting robot, specifically focused on apple picking
* Created microservices as part of the robot's backend system, enabling efficient management and control of the harvesting process

***Python Developer (OpenCV)*** 2018

*Client: Esports competition*

* Developed a system for automatic match result detection for cyber competitions using Python
* Leveraging OpenCV, employed geometric transformations method to detect labels and accurately identify the final match result

**EDUCATION**

**Financial University (FinU)** Moscow

***Bachelor's Degree. Faculty of Applied Mathematics and Information Technology***  2023

**Financial University (FinU)** Moscow

***Four-year Pre-University Program, College of Computer Science and Programming*** 2019

**Languages**: English (Upper-Intermediate), Russian (Native)