

# Roman Demianenko

Python Developer with experience in developing, testing, and maintaining web applications.

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## WORK EXPERIENCE:

**July 2021 – February 2023 – Mobidev – Backend Python Developer**

## PROFESSIONAL EXPERIENCE:

**Project:** Web-based solution that provides the exams builder and handles the examination process.

**Role:** Backend Developer

**Accomplishments:** Creating an application to simplify the examination process, including the creating of exams and providing this process, generating Xls reports with results and email templates on the fly, idea generation, and implementation features.

**Applied technologies:** Python, Django, Django REST Framework (DRF), Access control management, generating server-side Exls, Microservice Cloud infrastructure (Google Cloud Platform), Docker Swarm, Nginx, Redis, PostgreSQL.

**Project:** Web-based scheduling application for teachers.

**Role:** Backend Developer

**Accomplishments:** Creating a web application to simplify control of the schedule of classes, generating CSV reports with statistics of classes, idea-generating, and implementation features.

**Applied technologies:** Python, Django, Django REST Framework (DRF), Access control management, Docker Swarm, Nginx, Redis, PostgreSQL.

**Project:** Web-based application that shows the behavior of AI.

**Role:** Backend Developer

**Accomplishments:** Developing an application to facilitate the demonstration of various AI capabilities, idea generation, and implementation features.

**Applied technologies:** Python, Django, Django REST Framework (DRF), Microservice Cloud infrastructure (Amazon Web Service), Docker Swarm, Nginx, Redis, PostgreSQL.

**Project:** Web-based solution that provides uploading and watching short videos.

**Role:** Backend Developer

**Accomplishments:** Writing tests, creating a ban system for users and videos, and sending emails with notifications on the fly.

**Applied technologies:** Python, Django, Django REST Framework (DRF), Access control management, Microservice Cloud infrastructure (Amazon Web Service), Docker Swarm, Nginx, Redis, PostgreSQL.

## TECHNOLOGY SKILLS:

**Languages:** Python

**Frameworks:** Django, Django Rest Framework

**Databases:** MySQL, PostgreSQL

**Services:** Docker

**Tests:** TDD, Unit tests, API Tests

**CVS:** Git

**CI and systems:** Jira

## LANGUAGES:

English: B2

German: A1

## **EDUCATION:**

### **National technical university “Kharkiv polytechnic institute”**

September 2018 - December 2019

Master Degree, Program Subject Area: “Electrical energetics, electrical engineering, and electromechanics”

### **National technical university “Kharkiv polytechnic institute”**

September 2020 – Present time

PhD, Program Subject Area: “Electrical energetics, electrical engineering, and electromechanics”