

Denis Vieru

Python Software Engineer with 8+ years of experience

FEATURED PROJECTS

socialdiff.net

Responsibilities;

- CI/CD Deployment Setup;
- Image generation service with orchestration logic;
- Credits system;
- Stripe Subscription system;
- Daily remuneration system;
- ChatGPT prompt enhancer;
- LoRA database by parsing CivitAI data;
- Dynamic LoRA loader, with storage clearing logic;
- Image Likes;
- Remix system (users can copy generated image info on one button click);
- Image/Post Commentaries;
- Following/Follower users;
- Push Notifications;
- Custom Feed;
- Image Collections system;
- Contests with remuneration system;
- JWT authentication setup;

Technologies;

FastAPI, PostgreSQL, Celery, RabbitMQ, Redis, OpenAI API, Pandas, GitHub CI, Firebase, Pydantic, React, Tailwind, Shadcn

Duration: 01.2025 – Current

neke-neke.ai

Responsibilities;

- Python FastAPI backend development;
- CI/CD Deployment Setup;
- Integrate doctor-patient AI call transcription;
- Integrate extraction of appointments/prescriptions;
- Integrate register of official sick leaves on request;
- Write project tests;

PRIMARY SKILLS

Python
Flask
Django
Django Rest Framework
Kafka
Fast API
PostgreSQL
MongoDB
MySQL
Git
GitLab CI
GitHub CI
Redis
Celery
RabbitMQ
OpenAI API
Alembic API
LangChain
Matplot
Pandas
Pydantic
Firebase
PostgreSQL
Stripe SDK
AWS
Azure Cloud

React
Tailwind
Shadcn

ENGLISH

B2 (Advanced)

Technologies;

FastAPI, PostgreSQL, AWS SQS, AWS S3, AWS Lambda, Kafka, DynamoDB, Google Gemini API, OpenAI API, Alembic API, Pandas

GitHub CI, LangChain, LangGraph, Pydantic, Stripe SDK

Duration: 05.2025 – Current

Company: **OrangeSoft**

fuselabcreative.com

Responsibilities;

- Python FastAPI backend development;
- CI/CD Deployment Setup;
- Develop AI agentic mechanism for dataset fields normalisation;
- Integrate AI plot and chart recommendations;
- Integrate retry mechanism for failed AI requests;
- Integrate plot generator based on normalised dataset fields; - Write project tests;

Technologies;

FastAPI, PostgreSQL, Celery, RabbitMQ, Redis, OpenAI API, Alembic API, Pandas, GitHub CI, LangChain, Pydantic, Grafana, Stripe SDK

Duration: 05.2025 – 10.2025

Company: **OrangeSoft**

Oats.dev

Responsibilities;

- Documented Project Setup
- CI/CD Deployment Setup
- Features implemented
- Code Refactoring
- Do Frontend Changes, Add Features

Technologies;

FastAPI, PostgreSQL, Celery, Redis, Pandas, GitLab CI, Firebase, Pydantic, MongoDB, Stripe SDK, AWS, React

Duration: 01.2025 – 03.2025

Company: **OrangeSoft**

Hearing test app

Responsibilities:

- Migrated old code base from Django to FastAPI;
- Integrated RabbitMQ and Celery Jobs for consuming tasks;
- Hearing Test logic and export to PDF and CSV;
- JWT and MFA authentication setup;
- Develop a landing page in ReactJS;

Technologies:

Django, FastAPI, PostgreSQL, Celery, Redis, Pandas, GitLab CI, Firebase, Pydantic, MongoDB, Stripe SDK, Matplot, AWS

Duration: 08.2024 – 01.2025

Company: **OrangeSoft**

Investors' CRM platform

Responsibilities:

- Updated old code base, refactored code and optimization;
- EmailTemplates functionality - implemented custom email templates functionality that give
- Investor managers can customize emails with custom database values that can be sent to clients, assign attachments, and upload custom field files that can be used inside emails.
- Bank Details functionality - implemented a new flow on client adding bank details, manager lookup and activation flow;
- JWT and MFA authentication using Auth0;
- Customer Investments portfolio functionality;

Technologies:

Django, Django Rest Framework, PostgreSQL, Celery, Redis, RabbitMQ, Pandas, GitHub CI, MongoDB

Duration: 02.2024 – 08.2024

Company: **OrangeSoft**

Edgescope

A platform for searching legal cases that have integrated Assistant for a detailed answer to clients' requests about legal cases. It also has a classification task that structures the legal case into JSON format.

Responsibilities:

- Integrated ChatGPT (Azure, OpenAI)
- Prompt Engineering for Base Assistant, Legal Assistant, Legal Cases Classification Assistant, and Company
- analysis Assistant
- Retry mechanism for OpenAi Errors
- Celery setup for long-running tasks
- FastApi project setup and integration with PostgreSQL, Authentication, and Endpoints
- AMQP Consumer setup

Technologies: OpenAI Api, Tenacity, FastApi, AioPika, PostgreSQL, Celery, Ably, RabbitMQ, Redis, Pandas, GitHub CI, LangChain, Pydantic, Azure Cloud

Duration: 06.2023 – 02.2024

Company: **Edgescope**

EBS INTEGRATOR

Gorgias plugin development.

Responsibilities:

Developing and integrating plugins for Gorgias:

- Facebook leads integration (fetching leads from the Facebook page and responding via the platform)
- GMail leads integration (fetching leads from GMail and responding via the platform)

Technologies: Django, Celery.

Duration: 02.2023 – 05.2023

Company: **EBS Integrator**

AMDARIS

Data engineering project.

Responsibilities:

- Lambda functions integrated for AWS infrastructure
- Ingestion and processing of newly uploaded files for migration purposes.

Technologies: AWS lambda, AWS S3.

Duration: 10.2022 – 01.2023

Company: **AMDARIS**

VR Dev Project

Responsibilities:

Domain Panel:

- A system that stores client domains
- Generates and auto-renews SSL keys for domains, also clears old and uploads new keys to servers
- Checks if domains are blocked by any AVs
- Domain Renewal

Redics Panel:

- A system that stores and generates client domains (by randomly assigning a DB of words)
- Generates and auto-renews SSL keys for domains, also clears old and uploads new keys to servers
- Checks if domains are blocked by any AVs

CNAME Panel:

- System that generates SSL Certificates for requested domain names
- Generates and auto-renews SSL keys for domains, also clears old and uploads new keys to servers

Rocket Chat Client -> Support contact:

- A system that stores support chat and client rooms
- Check the rocket server status
- Integrated telegram calls via support bots (On support request, there is a three-second call followed by a message to clients telegram used in urgent situations)

Technologies: Python, Flask, FlaskSqlAlchemy, PostgreSQL, Celery, Redis, Docker, GitLab cli, RocketChat, Aiogram, PyTGVolP.

Duration: 03.2020 – 09.2022

Company: **VR-DEV Team**

B24Online

A B2B platform that unifies businesses and clients.

Responsibilities:

- Developed the backend
- Data parsing

Technologies: Python, Django Rest Framework, Django OR, PostgreSQL, Docker, GitLab cli.

Duration: 06.2018 – 03.2020

Company: **Cyber Whale**

Vasconi

Responsibilities:

- Setting and maintaining the working PC's, software set-up and finding solutions for work improvement.
- Setting up video surveillance system in shops.
- Created .NET WINFORM Inventory Management System with step by step Item Production Created POS System with Inventory Management System integrated

Technologies: C#, .NET

Duration: 01.2017 – 06.2018

Company: **Vasconi**

Codecraft solutions

Responsibilities:

- Developing scripts for parsing data from DB to csv/excel files
- Developing scripts for inserting data from files to DB

Technologies: Python.

Duration: 01.2016 – 01.2017

Company: **Codecraft solutions**