



Beatris Ilieva

Python developer

3 years of backend development through iterative projects, each adding complexity and new technologies. Building production-ready applications with clean architecture, REST APIs, and external system integrations. Recently expanding into AI integration with LangChain, Pinecone, and OpenAI. Driven by curiosity and a willingness to learn.

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TECHNICAL SKILLS

Languages

Python, JavaScript

Databases

PostgreSQL, Pinecone

Frameworks

Django, Django REST Framework, LangChain, React

AI/ML APIs

OpenAI

DevOps

Azure, CI/CD, Docker

PERSONAL PROJECTS

DRF React Gems (04/2025 - 09/2025)

- ◇ E-commerce platform built with Django REST Framework, React, and SCSS
- ◇ PostgreSQL database design following 1NF, 2NF, and 3NF normalization principles
- ◇ Conversational AI with GPT-4 and LangChain RAG architecture for product consultation
- ◇ Pinecone vector database with OpenAI embeddings from PDF processing for semantic search
- ◇ LangChain ConversationBufferMemory for session state management
- ◇ Asynchronous processing using Celery and Redis Cloud for background tasks
- ◇ JWT authentication system with user management and role-based access control
- ◇ 30+ RESTful API endpoints with JSON request/response parsing
- ◇ Deployed on Azure with Firebase frontend hosting
- 🔗 Repository with full documentation: github.com/BeatrisIlieva/drif-react-gems
- 🔗 Live application: drf-react-gems.web.app

EDUCATION

Software Engineer with Python

Software University (SoftUni)

09/2022 - 09/2025

Sofia, Bulgaria

Diploma for Professional Qualification: softuni.bg/certificates/details/250352/a3d65bbe

LANGUAGES

English

Full Professional Proficiency

Bulgarian

Native