Beatris Ilieva

Python developer

Backend developer combining 3 years of technical education with strategic leadership and economics background. 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) ↗

- ◇ Built e-commerce platform with **AI-powered** product consultation using **GPT-4** and **LangChain RAG** architecture to guide customers through personalized product discovery.
- ◇ **Processed PDF documents** for semantic search using **Pinecone** vector database and **OpenAI embeddings**, enabling natural language product queries.
- ◇ Architected 30+ RESTful API endpoints handling authentication, payments, inventory management, and order processing with structured **JSON request/response parsing.**
- ◇ Designed normalized **PostgreSQL** database (1NF, 2NF, 3NF) ensuring referential integrity across product catalog, inventory, orders, and accounts.
- ◇ **Integrated external services**: Celery/Redis for background tasks, Cloudinary for media storage, Gmail SMTP for transactional emails, and Sentry for error monitoring.
- ◇ Implemented 80 unit and integration tests achieving 71% code coverage to ensure **maintainability** and reduce production bugs.
- ◇ Configured **CI/CD** with GitHub Actions for automated deployment to **Azure** and Firebase.
- ◇ Repository with full documentation: github.com/BeatrisIlieva/drf-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

Master of Strategic Leadership
New Bulgarian University

10/2016 - 07/2018 *Sofia, Bulgaria*

Bachelor in Economics of Tourism
University of National and World Economy

09/2012 - 07/2016 *Sofia, Bulgaria*

◈ LANGUAGES

English
Full Professional Proficiency

Bulgarian
Native or Bilingual Proficiency