



# Galina Georgieva

## Software Developer & Data scientist

Experienced in collaborating within agile teams to deliver clean, maintainable, and well-documented backend solutions. Committed to best practices across multiple technologies, with a focus on long-term growth and development.

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## WORK EXPERIENCE

### Backend Developer

#### Haemimont AD

10/2023 - 03/2024

Sofia, Bulgaria

##### Achievements/Tasks

- Built and optimized the A1 statistics information service, enabling real-time data analysis and reporting.
- Contributed significantly to the migration of a large-scale web application from one open-source project to another resulting in enhanced efficiency and scalability.
- Developed and maintained a robust email service for automated notifications, improving communication efficiency.
- Managed and implemented version updates for a desktop application, ensuring seamless user experience and enhanced performance.
- Collaborated with product owners to standardize the system development process, ensuring that features met business requirements.

## PERSONAL PROJECTS

### Destinations Catalogue (07/2023 - 08/2023)

- A web application developed in Python using Django, featuring a user-friendly interface with a responsive design. Utilized HTML, CSS, JavaScript, Google Maps API, and an SMTP server for sending password reset emails.
- Features: User authentication and registration; Browse and search for destinations; Add, edit, and delete destinations; User-friendly interface with a responsive design

### Interview Management System (10/2023 - 10/2023)

- Developed a Python-based web application using Django, featuring a RESTful API powered by Django Rest Framework. The API seamlessly integrates with the Interview Management System, with well-documented endpoints using Swagger. The system emphasizes robust user authentication and authorization.

### Predicting Sofia Real Estate Prices (07/2024 - 08/2024) [🔗](#)

- Developed a machine learning model to predict real estate prices in Sofia, Bulgaria, based on various features such as location, number of rooms.
- Used tools: Python (Pandas, NumPy, Scikit-learn); Machine Learning (Regression Analysis, Model Tuning); Data Visualization (Matplotlib).

### Indoor Scene Segmentation (01/2025 - Present)

- The project uses deep learning techniques. Key components include segmentation models, data exploration notebooks, and scripts for generating meshes from images. Currently, the project is a **work in progress**, with plans to refine the segmentation models, improve classification accuracy, optimize dataset processing, and experiment with converting 2D images into 3D representations. 40 mini

## LANGUAGES

English  
Full Professional Proficiency

Bulgarian  
Full Professional Proficiency

## TECHNICAL SKILLS

### Programming Languages

Python, JavaScript, HTML&CSS, SQL

### Tools

Git, Jira, Docker, AWS, GitLab

### Frameworks/Libraries

Django, Flask, React, Pandas, Matplotlib, Scikit-learn, PyTorch, TensorFlow

### Databases

PostgreSQL, MySQL, MSSQL, MariaDB, Redis, MongoDB

## SOFT SKILLS

Initiative

Communication

Analysis

Attention to details

Adaptability

## EDUCATION

### Python Web Developer

#### Software University

02/2022 - 10/2023

##### Courses

- [Python Advanced](#)
- [Python OOP](#)
- [Django Framework](#)
- [JS Front-End](#)
- [HTML&CSS](#)
- [Linux System Administration](#)

### Artificial Intelligence

#### Software University

03/2024 - Present

##### Courses

- [Math Concepts for Developers](#)
- [Data Science](#)
- [Machine Learning](#)
- [Deep Learning](#)