# 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.
- Refactored and modernized legacy codebases , reducing technical debt and improving code maintainability.
- Containerized applications using Docker.
- Implemented CI/CD pipelines to automate deployments.
- Developed RESTful APIs to facilitate seamless data exchange between services.
- 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.
- Feauters: 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. 4o 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 - 02/2025*

*Courses*

- Math Concepts for Developers
- Data Science
- Machine Learning
- Deep Learning