

# VASIL KALUSHEV

## Junior Software Developer

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Plovdiv (willing to relocate)

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<https://github.com/VKalushev>



## PROJECTS

### Backend API for a Photo Studio

08/2024 - 09/2024

- A RESTful API designed to manage items, handle order creation, and support user authentication. Features include image uploads, order tracking, and automated email notifications. It also supports flexible item management and robust order processing capabilities
- Technologies: Python, Django, Redis, Docker, Nginx, PostgreSQL, Cloudinary, Celery, Mailpit

### Automated Cryptocurrency Trading Bot with User Friendly Interface

01/2024 - 05/2024

- <https://github.com/VKalushev/Automated-Cryptocurrency-Trading-Bot-with-User-Friendly-Interface>
- Analyzed user requirements and developed a real-time trading bot with automated decision-making.
- Designed a user-friendly interface for efficient trade adjustments, including auto-calculation of stop losses and margin/leverage.
- Technologies: Python, PyQt5 and MongoDB.

### Online Raffle Website

<https://github.com/VKalushev/Raffle-WebPage>

- Built a website for hosting and participating in raffles, with flexible user control over tickets and secure authentication.
- Integrated a receipt generation system for transparency.
- Technologies: JavaScript, Node.js, Next.js, MongoDB, Tailwind CSS

### Subsea Planning Tool with Beyond Reality

<https://github.com/VKalushev/Beyond-Reality-Team-Project>

- Worked closely with Beyond Reality to create a 3D environment for a subsea planning tool.
- Managed project structure, login system, and database, ensuring client requirements were met.
- Technologies: JavaScript, Node.js, HTML, CSS, Babylon.js.

### Bus Occupancy Tracking Web Application

<https://github.com/VKalushev/Bus-Timetable-Planning>

- Collaborated on a web app using IoT sensors and data visualization to monitor bus occupancy.
- Developed an algorithm to optimize schedules based on trends, improving bus operations efficiency.
- Technologies: Python, OpenCV, MQTT

## TECH STACK

### Programming Languages:

Java, Python, JavaScript, SQL

### Frameworks & Libraries:

Django, PyQt5, Pytest, Java, Spring Boot, JUnit

### Databases & Tools:

PostgreSQL, MySQL, MongoDB, Git, Docker

## EDUCATION

### BSc (Hons) of Computer Science

Robert Gordon University

09/2020 - 01/2024 Aberdeen

## TRAINING / COURSES

### Java Spring Framework 6 with Spring Boot 3 - Advanced

Udemy

### Django Masterclass

Udemy

### Python 3: Deep Dive (Parts 1 and 2)

Udemy

## LANGUAGES

Bulgarian  
Native



English  
Proficient

