

# Bogdan Gherasim

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## Skills

### Languages

Java, Python, Javascript, Groovy

### Frameworks

Spring, Spring Boot, Micronaut, Mockito, ReactJS

### Architecture

REST, SOAP, Event Based, CQRS, Saga, Microservices, Monolith

### Tools

AWS, Openstack, Docker, Kubernetes, Vercel, Git, Gradle, Ansible, Jenkins, Elasticsearch, Logstash, Kibana, GraphQL, Victorops, Prometheus, Grafana, Consul, Terraform, CockroachDB, Hazelcast, RabbitMQ, Kafka, Apache Flink, Micrometer, Dynatrace, Neo4j

### Techniques

Feature Toggles, SOLID

## The Hut Group

SOFTWARE ENGINEER

Manchester, UK

2019 - 2023

- Part of a medium-sized team, developing the company's proprietary Warehouse Management System capable of fulfilling orders from hundreds of websites with stock for millions of products. Helping operatives preparing deliveries for 15 warehouses split between four continents ensuring seamless operation for over a million daily orders during peak periods. The intricate ballet of storing, picking, packing, sorting and shipping was powered by over 50 microservices. Adopting the SCRUM methodology, we steadily advanced this platform, crafting highly configurable solutions within an Event-Driven Architecture, we have delivered projects of immense value, worth millions of pounds.
- I embarked on my journey as a Graduate Software Engineer, advancing to the role of Software Engineer and embracing the path of leadership development. Early in my tenure, I took on the mantle of responsibility, participating in on-call shift rotations for over two years, serving as the pivotal point of contact to address and resolve major incidents.
- Analysed system performance, proposed and delivered work to automate and optimise manual processes or improve scalability and responsiveness to align with peak period needs. Made use of new technologies, mentored a group of new members and started covering scope, documentation of system design and implementation of new features.
- Developed an adaptive skillset for assessing and responding to high-impact events. Leveraged Python scripting to diagnose issues, implement fixes, and provide temporary solutions during emergencies.

## Education

### University Of Manchester

BSC COMPUTER SCIENCE

2016 - 2019

- Third year project consisted of producing a [python tool based](#) on the open-source European FAIRDOM platform, that uses a stack of software platforms for research data management. It is aimed for the use of researchers to visualize, collect and present data.
- Required planning, research and gathering information from the platform developers and administrator. Worked with python, using the Jupyter-Notebook web app and required close study of the API.

## Projects

### Matrix

- An [IntelliJ IDEA theme plugin](#) that includes automated plugin signing and github actions for continuous integration and deployment. Built using the IntelliJ Platform Plugin SDK, the plugin is available on the JetBrains Plugin Repository and has been downloaded over 4000 times.

### Personal Blog

- A simple but useful [web page application](#) built with SvelteJS and hosted with Vercel, where, at the moment, I host this CV, and plan to start a blog on a variety of topics in the future.

### CV Build Tool

- A [tool](#) to facilitate updating and publishing my CV to AWS so that it can ultimately be available on my blog.

## Experience

### Tech Hunt

Bucharest, RO

FOUNDER

2023 - present

- Blending the passion for open-source projects with the pursuit of creating scalable, dependable solutions tailored to the unique needs of each client. Driven by a vision of software sustainability, committed to crafting systems that not only endure but thrive in an ever-evolving technological landscape. Each project is approached as an opportunity to champion collaboration, innovation, and the enduring principles of open source—building solutions that empower communities while standing as testaments to reliability and resilience. It is a venture deeply rooted in the belief that technology, when thoughtfully designed, can be a force for lasting impact.

### Qualitest

Bucharest, RO

CONTRACTOR FULLSTACK DEVELOPER

2023 - present

- Working with a lawful interception software client, implementing an intelligence collection, processing, analysis and visualisation management platform, providing law enforcement agencies with actionable intelligence on known and unknown threats.
- Quickly adapted to the project and the clients involved, being able to deliver features in a timely manner, while helping other teams with their deliverables and providing guidance to junior developers. Hosting software development discussions, participating in change request meetings or maintaining development documentation.