



### About the assignment:

#### Местоположение

Vilnius, Kaunas,  
Klaipėda etc, Литва

#### Rate (after tax)

€3630 - 4840/Month

#### Срок

Полная занятость

#### Extension (project)

No

#### Remotely (optionally)

Yes

#### Expire On

2024-03-31 (через 4 недели)

# Senior Software Engineer - Cost Optimization Team | cast.ai

## HITCONTRACT

[www.hitcontract.lt](http://www.hitcontract.lt)

Литва

### Description

#### Why CAST AI?

We are on a mission to simplify Kubernetes & its Cost Management on the cloud.

There are lots of aspects to our vision such as performance, security, and resiliency to name a few. Our product must be easy to understand and create value seamlessly. Our motto: Less friction equals happier customers.

CAST AI already brings 50% to 75% cloud savings to the most popular managed K8s platforms (such as EKS, GKE, and others). Imagine the challenges we face on a typical customer cluster with a \$100k monthly bill.

This is just the beginning of our product. There are so many cool things to be done. We need smart, result-driven engineers to help us with that!

#### These are the core values that hold us all together:

##### Develop the best

Be curious and improve continuously to foster personal development and professional growth.

##### Lead

Take ownership, never kick the can, and drive things forward in full-power mode. The company is in your hands.

### **Be open-minded**

Constantly welcome new ideas and opinions. Share insights responsibly with unwavering openness, honesty, and respect.

### **Customer obsession**

The customer always, always, always comes first. Solve the customer's problem, be open to feedback, act on it, and the rest will follow.

### **What does Cost Optimization Team do?**

At cost optimization team, our day is usually full of challenges. Have you ever encountered a situation where you need to expand your cloud infrastructure, in order for certain workloads to be deployed, and once the demand is low, to cut back on your cloud spendings? Most of us probably did, or at least know the many paths that need to be taken in order to achieve that.

One of the team's responsibilities is to make sure that whenever a customer is about to deploy something the burden of making sure that things are running & not costing unnecessary money is uplifted from them. These are just a couple small pieces of a bigger puzzle. To get into a more detailed perspective, try to answer the following questions:

- What happens when the demand for resources decreases? What should we do?
- What kind of instance types to use (spot vs on-demand)?
- What to do when cloud provider claims all of the spot instances back? Can we predict that?
- What is the most efficient way to handle all of the workloads while taking into account both cost & efficiency metrics?
- What is the visibility of all of the decisions that our engine is taking to both our customers and us?

These are just several of the many questions that are part of the daily job when working in this team.

Being part of this team would involve design and decision-making end-to-end while collaborating with colleagues from other teams. CAST AI being a technical product, it is encouraged, not only to go and code

something as written in the JIRA ticket but also to come up with new features & potential solutions to the problems that customers are facing.

**Here are some of the tools we use daily:**

- GoLang is our main language, while Python is an accepted alternative for some of the cases;
- Kubernetes which our product is evolving around;
- AWS, GCP, and Azure cloud providers, which are currently supported in our platform;
- PostgreSQL and Cloud Object Storage for persistence;
- GCP Pub/Sub for messaging;
- gRPC for internal communication;
- REST for public APIs;
- We use GitLab CI with ArgoCD as our GitOps CD engine;
- Prometheus, Grafana, Loki, and Tempo for observability.

**Requirements:**

- You have to be physically in any of the European countries GMT 0 to GMT +3;
- Strong software engineering skills;
- Strong English skills;
- Strong verbal and written communications skills;
- Ability to work independently or with a group;
- A “yes we can” attitude.

**What’s in it for you?**

- Team of highly skilled professionals to work with and learn from;
- Impact and visibility. We’re still a relatively small company, every contribution counts;
- Flat hierarchy. Getting in touch with the CEO, CTO, and all the other people from CAST AI team is not only possible but encouraged.
- Short feedback loop. We are customer-oriented so that we ship our code changes fast in order to get customer feedback right away.
- Flexible working location and hours.
- Monthly salary from €6000 to €8000 (gross) depending on the level of experience.
- Skin in the game. Every engineering member gets stock options of the company.
- Focus time: minimum overhead of meetings, bureaucracy &, etc.
- 10% self-improvement time for personal projects.



## Required Skills

### **ROLE EXPERIENCE**

Software Engineer 5-6 years