

DevOps/Cloud Infrastructure Engineer

Full time. Barcelona, Spain

zoundream

We are Zoundream, a dynamic, growing startup, developing the world's most advanced technology for infant cry analysis, using AI and sound recognition.

Our team has a strong background in machine learning and embedded systems, a mature core technology that we are continually improving upon, and an award-winning product based on it. We are now in the process of developing the next iteration of this product, which includes a cloud-based service.

We are looking to expand our team with a cloud engineer specialized on the AWS platform, with a proven track record in implementing and monitoring services that can scale as needed to match varying levels of traffic, while maintaining at all times a high level of reliability.

We need someone who has been successful in implementing these types of systems, preferably multiple times and on a large scale, and wishes to apply their experience in a small and dynamic startup environment with lots of potential for growth.

Together with the rest of our team you will help grow our cloud service all the way to a highly scalable and reliable service, ready to cater to a global audience.

In this role you will have ample autonomy in choosing the best tools and technologies needed to achieve this goal. You will also have the opportunity to shape the growth of our cloud engineering team as we expand it further, as well as the company as a whole.

What you will do:

We need your expertise to help bring our cloud infrastructure to production status on all matters pertaining to scalability and reliability. More specifically:

- Review the scalability approach of the current code base and infrastructure, and apply your knowledge and expertise to recommend improvements as needed.
- Improve and expand our monitoring and observability system to:
 - Alert of anomalies before they become problems.
 - Allow the engineering team to help identify and solve the root cause of any detected anomalies.
 - Provide our business people a clear and constantly up-to-date view of operational costs and traffic patterns, so they can make the best informed decisions on future offerings and partnerships.
- Contribute to, and improve, our CI/CD infrastructure, establish practices that guarantee the quality of our code as well as smooth and safe deployments.
- Contribute to ensuring that our organization's security practices meet GDPR and ISO 27001 requirements.
- Work with the rest of the engineering team to help identify ways to reduce costs and improve performance while maintaining or increasing reliability, security and performance.
- Constantly document your work and engage in knowledge transfer with the rest of the team.
- Help foster a work culture aligned with the most current DevOps and IT Security principles and practices.
- Help writing job descriptions and participate in interviews for hiring new staff. As our cloud engineering team grows, your help in shaping it will be invaluable.

What you will bring:

- A strong and provable track record in designing, implementing, deploying and monitoring highly scalable infrastructure for cloud services: you have "been there, done that" more than once, with success, and know like the back of your hand how to build cloud-based infrastructure and keep it running.

- An honest and forward approach to the review of existing systems and infrastructure: you are willing to be ruthless in pointing out inefficient or inadequate choices in a design or implementation.
- Confidence in your experience and expertise: you don't hold back in pointing out better ways of doing things whenever an opportunity arises to do so.
- An interest and willingness to help shape the direction of the company as it grows: you are interested in joining a small interdisciplinary team of people with different backgrounds, open to change and welcoming new perspectives on how to do things better, more efficiently and more pleasantly for everyone.

Tech Stack:

We use AWS, currently leverage API GW, Lambda, VPC, ECS, ECR, SQS, SNS, RDS, ElastiCache/Redis, MemoryDB, Sagemaker, S3. This list is not exclusive, if you have more experience with AWS, whether with cost optimization strategies or security best practices, such skills will be welcome too!

We use Terraform Cloud to manage our infrastructure; Github Actions for CI/CD; OpenTelemetry, Honeycomb, CloudWatch/alerts for observability and monitoring; Cloudflare for DNS, proxy, WAF, and possibly more.

IT SysAdmin, IT Support, InfoSec experience are also very welcome, as we are pursuing IS27001 compliance.

The technology stack driving our software includes Python 3, Node.js/TypeScript and Go, therefore any experience or familiarity there is a plus.

What type of person you are:

- Proactive. Independent. Entrepreneur spirit.
Nobody will tell you day by day what to do
- Curious, always willing to learn new things.
We're a startup: we do new things every day. And for most of them, we learn from scratch. You'll need to be able to do the same, and be comfortable with that
- Structured. Able to read a project plan, and stick to agreed milestones and time
No one in the team has the time to chase other people's timelines or deliverables. You need to be able to handle your own todo list, time and resources
- Fluent in English
We are an international team, English is our day-to-day working language.

What we offer:

- Becoming a key person, in the core business of a high-tech ambitious startup
- New challenges, constantly. No single day will be like the previous one
- An extremely dynamic and innovative environment
- Opportunity to really influence what the company does, day by day. We expect everyone to challenge and shape – all together – what we do
- Full time employment, permanent role, company laptop.
- Salary range: 50-60 kEUR/year + 20 kEUR stock options.
- Office in coworking space [Aticco Bogatell](#). Hybrid work policy. Possibility to work from home on some days of the week
- Relocation support if needed