Backend Software Engineer (node js, python)

Full time. Barcelona, Spain and nearby areas.

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 our platform, which will be offered as a cloud-based API for other businesses to integrate into their hardware products.

We are looking for an experienced and flexible software engineer, with a strong experience in developing **node js backend** services, complemented by a good knowledge of **python** and comfortable with working on the **AWS cloud** platform.

You will join a small but growing software engineering team, and as such there will be ample opportunity for you to shape the direction of how our technology will evolve.

What you will do:

- Contribute to the development and maintenance of all our systems, which currently include:
    - The backend services behind our main product, the cry analysis API
    - The internal dashboard service used by our data analysts
    - Various internal tools and scripts
- As part of your daily job you will be involved in the following activities:
    - Review and improve both design and implementation of existing code
    - Identify and fix bugs, performance and security issues
    - Contribute to designing and implementing new features
    - Help maintain and improve our various testing suites
    - Work closely with our cloud engineering team to facilitate continuous integration and delivery of our products.
    - Constantly document your work and engage in knowledge transfer with the rest of the team.

What you will bring:

- Independent and proactive mindset. We will figure out together as a team what needs to be done, but it will be up to you to decide how to do it in the best possible way and when.
- Confidence in your abilities and experience. Never afraid to offer constructive feedback on other people's designs and implementations.
- Curiosity and an open-minded approach towards technologies you are less familiar with. Willingness to adapt and learn on the job.

Tech Stack:

The technology stack behind our product currently includes services written in:

- NodeJs (Js and partially Typescript): for the services that provide our cry recognition service.
- Python3: for interacting with machine learning tasks and some utility scripts.
- NodeJs + Express + Vue2 + Postgres: for the internal dashboard used by our analysts, and other internal web-based tools.

We expect you to have been working on projects based on the node js ecosystem for **at least 3 years.**

Major bonus points if you have worked in the past with any of the major python machine learning frameworks, or python in general.

You should also feel at home working in Linux, as all our services run on it, and that's what we use on all our development environments as well.

Finally, we expect you to be comfortable working with git and github for version control.

What type of person you are:

- Proactive. Independent. Entrepreneur spirit.
  You will be given objectives, but 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 like the previous one
- An extremely dynamic and ambitious 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, competitive package (salary + stock options + relocation support if needed)
- Salary range: 45-50 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