Software Engineer III

tl:dr

Role: Software Engineer III
Salary: £51,000 - £67,000 DOE
Experience: 8+ years
Type: Full-time
Location: Glasgow/UK Remote

Who are we?

Bird.i started in 2016 with a simple mission: to make satellite imagery available to everyone. Since then, we've grown to understand it's even more powerful when you combine it with real business needs.

In April 2020, Bird.i joined forces with Zonda to help bring our Earth Observation expertise to the US housing market. Zonda is a leading brand in residential construction with a mission to advance the home building industry by providing data-driven housing market solutions to the homebuilding and multifamily industries.

Together, Bird.i and Zonda are working hand-in-hand to streamline the collection of, and access to, the most up-to-date housing data to empower smarter decisions.

What do we do?

We have access to an unprecedented amount of Earth Observation imagery through our unique partnerships with the world's leading satellite and airborne operators. We process this imagery with the latest machine learning techniques to monitor the construction lifecycle of real estate projects across the entire US landmass and make these unique sources of insights available to builders, developers and investors.

How do we work?

At Bird.i, we are comprised of small, dynamic teams working in a supportive, trusting and transparent environment where we work on challenging problems at a fast pace - an achievement that we're very proud of!

As our teams are small, each team member is awarded the independence and agency to research and solve technical problems in the way they see fit. This means that you won't be bored or micro-managed - you'll have a high degree of responsibility within the team and many opportunities to have a positive impact early in your career.

Personal and professional growth is something that matters a lot to us. So, we give plenty of opportunities to learn new technologies, brush up on best practices and research emerging technologies. Our teams are small, but we leave a lot of room for growth!

What about our tech stack?

We've built a microservice architecture that has a combination of service-orientated and event-based architectures. We use a lot of **Java**, **Python**, **Node.js, GraphQL, Angular** and **React**. We run our architecture on **AWS** and utilise a variety of AWS products for computation, storage, messaging etc.

We invest heavily in machine learning and computer vision in order to generate real time insights at scale from a large set of satellite data.

We practice **continuous delivery** and **infrastructure as code**, pushing working software straight into production with safety through automated testing and alerts. As engineers we take end-to-end responsibility for testing, deploying and monitoring the services we build.

NOTE: Experience across the range of our stack isn't necessarily needed – we aim to continually educate ourselves as a team.

Who are we looking for?

We are looking for someone who:

Technical

- Understands the fundamentals of Computer Science (e.g., data structures and algorithms) and Software Engineering (e.g., Design Patterns, cloud native architecture)
- Is able to effectively choose when (*and when not*) to apply the fundamentals of Computer Science and best practices
- Skilled software engineer capable of working with modern front and back end technologies

- Can implement high quality features and services all the way through from technical design to launch
- Is a proactive team member identifying issues and their solutions

But it's not all about the technical proficiency, we are looking for candidates who:

Non-Technical

- Share our values and appreciate and practice **respect, simplicity** and **communication**
- Are still inquisitive and seek to deepen their technical knowledge
- Have an interest in the development of others and uses their experience to raise up their colleagues
- Are happy to take risks, learn from failure and improve with constructive feedback
- Always keep customers in mind for every engineering decision they make

How does the Recruitment Process work?

Our interview process typically takes place over 1 week to allow the candidate time to prepare and organise themselves so that they can present the best version of themselves. The timeline typically follows:

Phase 1
- Introductory call (30 minutes)

Phase 2
- Technical Interview(60 minutes)
- Non-Technical Interview (60 minutes)

NOTE: We try to be as accommodating as possible for any prospective candidates that have non-work related commitments.

Ready to apply?

If this opportunity sounds like it will help you achieve the next stage of your career, please send your cover letter and CV at brendan@hibirdi.com

Even if you don't meet 100% of the requirements, we'd still love to hear from you.