



DevOps Engineer

£TBCK depending on experience

We make wearable location and activity trackers for dogs. No, we're not barking mad. We're developing the technology and consumer products that could help every dog owner (13 million in the UK alone) keep their dog healthier. It's big business, and we're the UK's clear leader in this growing space, with thousands of dog owners already using our innovative devices, friendly app and sophisticated cloud services every day.

Based in central Cambridge (near the station), our engineering team of around twenty people creates almost all of our technology in-house. It's not easy. In fact, it's really hard, But we're smart, we work fast and we have fun. And now we're looking for new people who'd like to join us and do the same.

Here's what you'll DO

- Support the deployment of service and App releases, being created by the various teams
- Develop our CI\CD pipelines within PitPat, that our various team rely upon for testing app and service changes
- Develop our IaC tools, deploying and configuring cloud services within Azure
- Review and automate PitPat technical processes
- Be a champion of DevOps culture when working with the other technical teams.
- Discuss and make influential decisions to improve the DevOps function within PitPat.
- Develop and respond to alerts that come through for our cloud services
- Troubleshoot and resolve issues that arise within our Azure infrastructure and automated processes
- Proactive self-development, having dedicated sprint time to provide an opportunity to improve whilst working at PitPat.
- Work closely with the other technical teams in PitPat including App & Cloud developers, Firmware Developers, Web Developers, Internal Tools Developers, and QA teams
- Be proactive and versatile in the work that comes through for each sprint.

Our TECH STACK

- The majority of our backend services and infrastructure are hosted on Azure, using PaaS technologies
- We use Kubernetes and Helm for containerised deployments within Azure
- Our CI\CD pipelines are hosted and run on Azure DevOps
- The Azure infrastructure has been deployed and configured using Terraform
- A lot of scripting that is used within our automation is written in Powershell
- Our mobile apps and services are developed using C#, and are built using .NET
- For monitoring & alerting our services, we use a range of tools, such as Application Insights and Raygun.
- We depend on Atlassian products, for example, Bitbucket & Jira

The TECH SKILLS you'll need

You don't need to have every skill here, but the more the better! As we're a small team, you'll have the opportunity to get your hands dirty working on anything and everything. We're looking for experience of:

- IaC Tools, such as terraform, cloudformation, ARM Templates
- IaaS and PaaS cloud services for infrastructure, preferably Azure, but also GCP and AWS are applicable
- CI\CD pipelines, such as Azure DevOps or Jenkins
- Git based source control, like Bitbucket, GitHub
- Strong scripting skills, like Powershell, Python or Bash

The SKILLS it would be nice to have

- Automation first mindset
- TSQL or similar technologies on relational databases

- NoSQL, such as TableStorage
- Container orchestration tools, like Kubernetes and Helm
- Monitoring tools
- Interacting with Service APIs for integrating services
- Developing code in C#

OTHER SKILLS you'll need

- People who get stuff done. We can't overstate this. We ship working software to real users in a fast-moving market that works in dog years (that's 7x faster)!
- Attention to quality. We can't overstate this either. Every bug we ship damages our reputation, and every bit of code that's hard to modify costs us time and money.
- Technical virtuosity. We're small, so we have to be smart. We need software "artists" with a genuine passion for creating clean, fast software that really "sings".
- Commercial and user nous. Sorry, it's not enough to be a technical wizard. You also need to understand why we're doing it, and appreciate what makes our users tick.
- Independence and teamwork. Yes, both. We need people who can work unsupervised by themselves on one day, and as a part of the pack the next.
- Clear thinking under uncertainty. We live in a complex world and we don't always have all the data. We need people who can fill in the gaps and imagine the whole picture.
- A "can do" approach to life. If something looks hard – impossible even – we still try to find a way to do it, or something very like it. See also "get stuff done" above.
- And it would be great if you owned a dog!

What we OFFER IN RETURN

- The chance to use today's most relevant and exciting technologies to build new software that gets released to real users (dog owners!) as often as every two weeks.
- An incredibly supportive and friendly team that believes in listening to everyone's ideas and helping everyone to do their very best job.
- The opportunity to kick start or grow your career through our commitment to on-the-job training and our fortnightly "hack Friday" sessions.
- Fully-flexible working based either from our easy-to-get-to office (bring your dog if you like) or from your home, or both. As long as you're in the UK, you could work with us.
- The chance to be part of a successful tech start-up, and to see from the inside what makes a fast-growing business like ours succeed.
- A fun and sociable culture with lunchtime BBQs in our garden and regular out-of-hours events.

How to APPLY

We'd love to talk to you, and there will be lots of people wanting to talk to us. But we can't talk to everyone. For the best chance, we'd love you to send TWO things to talent@pitpatpet.com:

1. Your CV.
2. A **brief** email mentioning how your previous experience would help you make the best contribution to our team according to the "What we NEED" section above.

In return, we promise to reply letting you know whether we'd like to take the conversation further. And if we do, and you have a dog, don't forget to ask us for a PitPat with our compliments. :-)

Good luck!