



Jun 2024

2Simple - Junior DevOps Engineer

Location: Remote with occasional team get togethers in London N1

Reports To: Head of Technology

Salary: Competitive

The aim of our software is to create a space where children can learn while being creative, using the technology and tools they will have to use for the rest of their lives. We take difficult concepts and make them accessible to children of all abilities.

We are dedicated to making software that raises standards, enhances the learning experience, and saves teachers' time.

In 1999 we released the Infant Video Toolkit, a child-friendly office suite for desktop publishing, painting, graphing and coding. Today over 90% of UK primary schools use 2Simple software and our tools are used by teachers and students all around the world, in countries like South Africa, India, Sweden, The UAE, Australia and the USA.

Job brief:

A leading provider of educational software for primary schools is looking for a Junior DevOps engineer to assist with the development and maintenance of our development and production infrastructure.

2-10 Baron Street | London | N1 9LL | UK

+44 (0)208 203 1781 | hello@2simple.com | 2simple.com

2 Simple Limited | Company number 03843465

Registered Address | 5 Broadbent Close | Highgate | London | N6 5JW





Since this is a junior role, we do not expect candidates to have all the key skills listed below. You will be working with our senior DevOps engineer who will provide training and assistance. However, we are looking for people who can learn independently and have a passion for technology.

Key responsibilities include:

- Configuring development environments using Docker helping developers replicate our infrastructure locally in a standardised way.
- Maintaining and enhancing our CI tools (currently gitlab) so we can continue to automate deployments across our infrastructure.
- Maintaining our existing Ansible scripts for automatically setting up servers.
- Improving our AWS cloud infrastructure using tools such as CDK
- Helping migrate some of our infrastructure from servers to containers.
- Monitoring and troubleshooting infrastructure issues using tools such as NewRelic and AWS CloudWatch.
- Writing python scripts to assist with moving data and files between systems.

Key Skills:

- Linux - skilled with setting up Linux servers, ideally Debian, configuring services, NGINX in particular
- GIT -a solid understanding of GIT.
- Scripting - experienced with shell scripting in bash, ideally some Python. Use of command line tools such SSH, SCP, RSYNC and grep.
- Cloud knowledge - an understanding of cloud infrastructure and its associated challenges, ideally with AWS.
- Docker - familiarity with containers, ideally some experience with Docker Compose, AWS ECS or Kubernetes
- Automation - an understanding of automating the provision of servers using tools such as Ansible.

Desirable skills:

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- MySQL/MariaDB - experience configuring and administrating MySQL with replication is desirable.
- MongoDB - experience with installation and configuration of replica sets and creating backups is desirable.
- PHP - knowledge of PHP from an infrastructure point of view and configuring PHP-FPM is desirable.
- NodeJS - knowledge of NodeJS and creating NodeJS services is desirable.

Beyond this, the successful applicant will also be a strong fit within our company and be able to build and maintain relationships both internally and externally. To this end, s/he will need, at all times, to be:

- Positive in outlook with a willingness to support and aid colleagues and customers
- Passionate about offering the best quality of service possible to our customers
- A natural forward planner who critically assesses his or her own performance
- Credible with a professional demeanour, comfortable in dealing with people at all levels
- A team player with strong and empathetic communication skills; having the ability to see things from all people's points of view - both within the 2Simple team and when working with external parties
- Well-presented, business-like and keen to gain new experiences, responsibilities and accountabilities as the company continues its growth
- Tenacious and proactive, articulate and numerate and able to work both as part of a team and under his or her own initiative.

In return, the successful applicant will enjoy excellent working conditions and benefits including health insurance, wellbeing package and subsidised gym membership. They will also be given the opportunity to make a difference in the lives of millions of children by working in a passionate and creative team.

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Further information about the company can be found at 2simple.com. For more details, or to apply, please send a CV and covering letter to include your current/most recent salary level or salary expectations to Jacob Doran at: jacob@2simple.com

2simple is an equal opportunities employer and is committed to ensuring that all partners, staff, job applicants, customers and suppliers are treated fairly and with respect, irrespective of their actual or assumed background including gender, sexual orientation, marital status, age, race (including colour, nationality and ethnic origin, religion/belief or disability).

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