System Engineer

Do you want to be part of an ambitious and enthusiastic team in a fast-moving scale-up environment? Are you looking for a challenging context where you will get the chance to develop your talents? Are you eager to accelerate your career as a **System Engineer** in a fast-growing regtech company?

Well, let us introduce itsme® / Belgian Mobile ID, founded in 2017 with a clear mission: provide a state-of-the-art and best-in-class digital identity solution to individuals, enabling them to move all their interactions to the digital space. Now, only five years later, 6.4 million citizens use the itsme® app, to identify themselves, confirm transactions and sign documents online. We are also ready for a new challenge: launching the itsme® app in The Netherlands.

We are looking for a System Engineer, whose mission will be to manage our Cloud (Azure) infrastructure, scaling it for an international context, while continuously ensuring its stability.

What your job looks like

The Technical Operational department works closely with Product Management. During the development of the product, the System Engineer will be involved in the design of the product's architecture. Not only the functionalities and the security aspects of the product are important, but also the way it is built. It will be his/her role to make sure that the product is built in a way that it's maintainable, deployable and can be monitored. The System Engineer will not design or build the product, but will think along and challenge the Product Management team with the aspects that are important for the Technical Operations team (e.g. monitoring, logging, CI/CD deployment,…).

In this role, the System Engineer will be accountable for:

- Installation, configuration and monitoring Linux operating systems (contain bash scripts);
- Managing all the operational aspects of applications in Kubernetes (e.g. scaling, security, logging, monitoring);
- Deployment of product releases and network technologies by using CI/CD DevOps pipelines (e.g. to deploy infrastructure to Azure with ARM Template(s), to deploy releases with Ansible,…);
- Implementation/configuration of security standards in firewalls (i.e. NIST, OWASP);
- Managing problems and (security) incidents (e.g. database crashes, fraud incidents like phishing,…):
    - Identifying the "root causes" of problems (i.e. root cause analysis) at every level of the solution (application, network, infrastructure, storage,…);
    - Troubleshooting of databases to maintain the integrity, performance and efficiency of database systems;
    - Troubleshooting of encrypted (SSL/TLS) traffic up to TCP/IP level and implement PKI at infrastructure level;
    - Deployment of security patches (not building);
    - …

What we are looking for

- You have a Bachelor's degree or equivalent experience
- Experience in
    - Linux Systems setup, configuration and management
    - Network protocols (TCP/IP, DNS, HTTP(S),…)
    - Container technology: Kubernetes
    - CI/CD using Azure DevOps, Github Actions, Ansible, Terraform, ARM, PowerShell
    - Firewall / loadbalancer configuration and maintenance
    - Scripting languages: bash, Powershell,…
    - Cryptography (PKI, Public/Private keys), TLS/SSL
- Knowledge of databases: (Azure) SQL, MySQL (IaaS, PaaS), PostgreSQL (PaaS),…
- Good understanding of:
    - Cloud environments (Azure, AWS)
    - Web services (SOAP/WSDL, REST/SWAGGER, API management, WAF, OWASP,…)
- You have experience in a process-based working, e.g. with ISO27k, ITIL

- You have an analytical mindset and excellent problem solving skills
- You are a team player who shares his/her knowledge and enjoys celebrating joint achievements, but can also work autonomously
- You are proactively and comes up with improvements or new ideas
- You like to plan, manage and coordinate multiple tasks simultaneously
- Good knowledge of English. Dutch and/or French is a plus

What we offer

- A fun, enthusiastic and ambitious team
- A fast-moving scale-up environment where you can develop and grow
- You will be part of a high-tech environment with a diversity of complex technologies and a state-of-the-art security (i.e. highest levels of security)
- You will be the driving force behind a Belgian, loved brand with high exposure.
- Offices in Brussels, combined with flexibility in terms of remote working
- A fixed contract, with an attractive compensation package

Now it's your turn!

If you have what it takes, send your CV and motivation letter to career@itsme-ID.com.