System Administrator

Emweb is a software engineering company specialized in the development of innovative software. We are located in Herent (Leuven, Belgium) and serve customers all over the world. Emweb's major products are **Wt**, an open source library for the development of web applications, and **Genome Detective**, a software platform for microbial High Throughput Sequencing analysis. Our solutions excel in quality and efficiency, and are therefore applied in complex applications and environments.

As we continuously grow, we are currently looking for new colleagues with the following profile to join our team in Herent. **Your responsibility is to deploy our software in the cloud, maintain our cloud infrastructure, as well as our network and server park in Herent.**

We are active in multiple applications domains:

- Web applications

- Bio-informatics computational biology and molecular epidemiology

Your responsibilities are:

- Operational management of the local network and cloud infrastructure (AWS, OpenStack, private cloud); system administration of our Linux servers, and to lesser extent Windows computers

- Operational management of cloud software products developed or managed by emweb

- Release management and configuration management of our software

- Update and document operational procedures and maintain compliance with security standards

- Automating operating system updates and configuration changes

- Monitor performance and maintain systems according to requirements

- Troubleshoot issues and outages

- Answering operational technical queries and assisting users

- Ensuring security, efficiency and continuity of IT infrastructure through access controls, backups and firewalls

With the following skills, you are the perfect match to complete our team:

- Master of Science in Information Technology, Computer sciences or a related discipline, or equivalent by experience

- Experience as a system administrator, network administrator or similar role. Familiarity with the management of Linux and Windows operating systems

- Knowledge of IT security

- Familiarity with software development, you can write scripts in bash and python

- Knowledge of system security and data backup/recovery

- You understand problem statements and can provide qualitative solutions

- Team player with excellent communication skills (English, Dutch is a plus)

- We use open-source software extensively. Familiarity with the management of following technologies is a plus: Ubuntu, puppet, haproxy, nginx, PKI, postgresql, java, tomcat, Wt, Jenkins, git, openwrt, Windows

We offer you:

- A work environment typical of a young innovating company

- A large diversity in challenges

- The possibility to acquire new and improved skills

- Our appreciation for your inquisitive mind

- A green working environment a stone's throw from metropolis Leuven

- A competitive salary

- Extra-legal benefits

If this profile describes you or in case you have extra questions, don't hesitate to contact us at info@emweb.be!
www.emweb.be - www.genomedetective.com - www.webtoolkit.eu