JOB OFFER

Descartes Underwriting

LEAD DEVOPS/SYSADMIN

📍 LOCATION – Paris, France

📝 EXPERIENCE LEVEL – 5+ years of experience

🖼 START DATE – Flexible

💻 REMOTE WORKING – Partial remote is welcome!

ABOUT DESCARTES UNDERWRITING

WHO WE ARE | Founded in 2018 and headquartered in Paris, Descartes Underwriting was born of the conviction that climate change calls for a revolution in the insurance industry to better protect individuals, businesses, and governments. We provide data-driven insurance products based on satellite imagery and IoT to protect corporate and public sector clients against climate risk and natural catastrophes. Following a Series A funding of 18m USD in September 2020, we opened offices in New York, Singapore, Sydney and London. Today, Descartes' ambitious and international team of 40+ is proud to protect 150+ clients – several from the Fortune 500 – in 60+ countries.

OUR PURPOSE | Losses from catastrophes and man-made disasters are likely to increase year after year due to demographic density and climate change. We firmly believe that the insurance sector can and must play a critical role in helping enterprises and individuals cope with climate risk. This will require, however, a deep transformation of the sector, as current insurance products often lack transparency, carry expensive premiums, and come with slow claims processing.

OUR APPROACH | True to our namesake, René Descartes, one of the greatest European scientific philosophers of the 17th Century, our company draws a distinct advantage in challenging the approach adopted by traditional insurers. Utilizing forward-looking models and real-time monitoring from satellite imagery, IoT and big data analytics, Descartes' products help businesses bounce back faster. In collaboration with our partners, our parametric insurance products can serve clients across the globe, from mid-size tickets to EUR +100 million.

ABOUT THE ROLE

Due our consistent growth, we are seeking to expand our Data, Software and DevOps team. We are searching for a Lead DevOps/Sysadmin to manage a team of 2. As team lead, you will oversee:

- The development environment used to develop our code base
- The integration of third party tools towards full automation
- The processes to make each individual DevOps/Sysadmin excel at their work

🔔 KEY MISSIONS 🔔

- Work closely with underwriting and R&D managers to define key targets and roadmap
- Provide a strong technical direction and support to the engineering team
- Ensure best practice and compliance to internal standards and practices

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- Frequently present the progress and goals to both engineering and wider teams

- Set up a cyber roadmap with a reachable Business Continuation Plan and Incidence response plan

- Contribute to the technical roadmap through architecture meetings, design documents

- Lead & coach your engineering team to consistently deliver according to their roadmap

- Share your expertise to help your team:

    o Setup, automate, maintain and update:
        - Secured connection to third party tools
        - CI/CD pipelines
        - Data storage process
        - Package versioning and releasing pipeline
        - Docker environment
        - Modularization of code base
        - VM and compute instances
        - Connections to external and internal APIs
        - Notification process with chat tools
        - Website hosting
    o Assess and evaluate the cost and the security of software architecture and implementation
    o Participate in:
        - Tech stack selection
        - Discussions with tech partners
        - Training of tech and underwriting teams
        - Support and debug of internal users
        - Management of IAM policies, groups and users

TECH STACK 🖥️
- Cloud provider: GCP
- Code versioning tool: Git + Gitlab
- OS: Linux
- Container: Docker
- Container orchestrator: Kubernetes
- Website architecture: LAMP
- Code base: Python
- Notification tool: Slack

EQUIPMENT 🖱️
- Laptop: premium DELL XPS 15
- OS: you decide

ABOUT YOU

EXPERIENCE & QUALIFICATIONS 👨‍💻👩‍💻

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[Management skills]

- 5+ years' experience in DevOps position(s)
- At least 1 year of experience in team or project management
- Tech roadmap and MVP critical path definition
- Scoping and identifying solutions with business team
- Ability to handle human interactions between tech and business

[Hard skills]

- Knowledge of the tech stack or equivalent tools
- Experience with Docker and Kubernetes
- Experience automating a CI/CD pipeline
- Good knowledge in English and fluency in French

[Nice-to-have]

- Experience in HPC
- Experience releasing python package
- Experience working data science project or scientific code
- Contribution to an open source project

MINDSET 💥

- Strong interest with climate issue (it's not a hoax, many people suffer from it)
- Being comfortable to work alongside corporate insurers (some still wear suits 👔)
- You enjoy CI/CD automation (or at least appreciate the elegance of a well-crafted pipeline)
- Willingness to help junior developers (remember how you were when you started 💬)
- Strong team spirit and ability to work (you'll have to review code and have your code reviewed)
- Rigorous, creative and meticulous mind (we handle large insurance, we take our time)
- Strong desire to learn (there's no limitation to the tech used, we're happy to test and learn new tools)
- Eagerness to work in a multi-cultural environment (policies and teams are from all around the world 🗺️)

WHAT'S IN IT FOR YOU? 🎁

- Join a company with a true purpose – help us help our clients be more resilient towards climate risks
- A competitive salary, bonus and benefits (Premium Alan health insurance, Swile restaurant vouchers, Navigo reimbursement etc.) 💳
- The opportunity to grow in your role, as the company does
- Commitment from Descartes to it's staff of continued learning and development (think annual seminars, training etc.)
- Be part of a collaborative, diverse team where your ideas are heard 🗣️
- A paid referral scheme for successfully referring peers

HOW TO APPLY ✍️

If this sounds like the perfect challenge, please don't hesitate to submit your application and resume on:
https://www.descartesunderwriting.com/careers/