

## JOB OFFER

### DEVOPS ENGINEER

-  **LOCATION** – Paris, France
-  **EXPERIENCE LEVEL** – 2+ 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 45+ 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 to our consistent growth, we are seeking to expand our Data, Software and DevOps team. At the core of our company, your main missions will be to make direct contributions to the CI/CD and setup cloud resources to release, deploy, maintain and run our climate risk models. You will also have to provide support to data scientists and software engineers running and developing our models. Your secondary mission will be to connect the external tools to automate the flow of information between the tech and business side.

#### **KEY MISSIONS**

- Setup, automate, maintain and update:
  - CI/CD pipelines
  - Data storage process
  - Package versioning and releasing pipeline
  - Docker environment
  - Modularization of code base

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- VM and compute instances
- Connections to external and internal APIs
- Notification process with chat tools
- Website hosting
- Assess and evaluate the cost and the security of software architecture and implementation
- 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

#### [Hard skills]

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

#### [Soft skills]




- Desire to train junior developers and explain CI/CD and cloud tools
- Desire to suggest improvements to the architecture

#### [Nice-to-have]



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

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## 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
- Frequent team events

## 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/>