



NTNU

Kunnskap for en bedre verden

Jobbnorge ID: 277477

Deadline: 4/28/2025

Website: <http://www.ntnu.no>

Scope: Fulltime

Duration: Permanent

We are looking for a

Senior DevOps Engineer

This is NTNU

NTNU is a broad-based university with a technical-scientific profile and a focus in professional education. The university is located in three cities with headquarters in Trondheim.

At NTNU, 9,000 employees and 43,000 students work to create knowledge for a better world.

Video: <https://youtu.be/Xt-yHCN5QS0>

About the job

HUNT Cloud specializes in scientific cloud computing for sensitive data. We are seeking a Senior DevOps engineer to join our team in Trondheim. This is a 100% permanent position with immediate start.

If you are passionate about expanding sovereign cloud services for science, and think its meaningful to make a difference in how Europe does knowledge discoveries from sensitive data, then we want to hear from you.

About HUNT

HUNT Cloud was founded in 2013 to provide reliable cloud services for national and international science on sensitive data under NTNU's vision «knowledge for a better world». Our aim is to give scientists freedom to explore data in digital laboratories, and to facilitate explorations across fields and geographical borders.

[Read more on HUNT Cloud's careers page](#)

Our solution

- Research services for sensitive data and high impact international science
- Multisite on-prem cloud with +10 petabytes of multilayered storage and +6000 vCPUs
- Open infrastructure run by open source and open science principles
- Cloud installations using OpenStack, Ceph, and Ubuntu linux
- Data center network with spine-leaf architecture
- Infrastructure as code (IaC) with tools such as Ansible and Juju
- Monitoring and alerting with Prometheus and Grafana
- Key management with Vault
- Gitlab for version control, issue tracking, and CI/CD pipelines
- Python and Flask for automation and internal API services
- Compliance with ISO-standards for quality, security and privacy

Duties of the position

You will play a critical role in developing, maintaining and optimizing our cloud infrastructure and operations.

Key responsibilities

- Design, build and maintain cloud services
- Apply software engineering principles on operations
- Continuous development of services through code
- Active contributor in setting up new cloud deployments
- Implement and optimize CI/CD pipelines
- Improve scalability and reliability of network infrastructure
- Expand our logging, monitoring and alerting infrastructure
- Automate and streamline internal processes
- Work inside requirements from ISO/IEC 9001, 27001 and 27701, including contributions in our audit programs and risk assessments
- Mentor junior team members and contribute to a culture of continuous learning and improvement

We don't expect you to know everything, although you should be eager to learn and enjoy searching for solutions to challenges few have encountered before.

Key challenges

- Influence how sensitive data research is done in Europe
- Build new generation of sensitive AI compute
- Implement scalable and yet fully isolated multitenant solutions with focus on usability

Required selection criteria

- Master's degree in computer science or other relevant areas. Relevant experience can compensate for the educational requirement
- Extensive knowledge of and experience with Linux operating systems and Python programming language
- Fluency in written and spoken English, which is the working language of the team

Preferred selection criteria

We have a diverse set of tasks. Knowledge of and experience with one or more of the following will be emphasized:

- Previous experience working in agile DevOps or SecDevOps team with focus on automation and cloud technologies
- Deployment and upgrades of on-prem cloud orchestration services like OpenStack or Ceph and Kubernetes
- Proficiency in scripting and automating tasks using Python, Bash or equivalent
- Automating tests and deployment of cloud infrastructure using configuration management tools such as Ansible or Juju Charms
- Key management and access control
- Relevant data center networking such as spine-leaf architecture
- Relevant ISO standards such as ISO/IEC 9001 and 27001
- Mentoring and training of junior employees

Personal characteristics

You have a passion for science and knowledge, enjoy working in a small multicultural team with a high pace and are excited to solve hard problems together with your colleagues. You are also independent, collaborative, service minded and responsible. You are eager to stay on top of your field and you enjoy learning new things that you would like to share with us.

In the evaluation of which candidate is best qualified, emphasis will be placed on education, experience and personal suitability, as well as motivation, in terms of the qualification requirements specified in the advertisement.

We offer

- exciting and stimulating tasks in a strong international academic environment
- an open and [inclusive work environment](#) with dedicated colleagues
- favourable terms in the [Norwegian Public Service Pension Fund](#)
- employee benefits

Salary and conditions

Senior Engineer belongs in code 1181 (senioringenør) and a competitive salary will be offered pending on your qualifications and seniority. From the salary, 2 % is deducted as a contribution to the Norwegian Public Service Pension Fund.

The engagement is to be made in accordance with the regulations in force concerning State Employees and Civil Servants, and the acts relating to Control of the Export of Strategic Goods, Services and Technology. Candidates who by assessment of the application and attachment are seen to conflict with the criteria's in the latter law will be prohibited from recruitment to NTNU. After the appointment you must assume that there may be changes in the area of work.

The position is conditioned by external fundings.

It is a prerequisite you can be present at and accessible to the institution on a daily basis.

About the application

Please note that your application will be considered based solely on information submitted by the application deadline. You must therefore ensure that your application clearly demonstrates how your skills and experience fulfil the criteria specified above.

The application must contain:

- CV, certificates and diplomas
- name and address of three references

If all, or parts, of your education has been taken abroad, we also ask you to attach documentation of the scope and quality of your entire education, both bachelor's and master's education, in addition to other higher education. Description of the documentation required can be found [here](#). If you already have a statement from [Norwegian Directorate for Higher Education and Skills](#), please attach this as well

General information

NTNU believes that inclusion and diversity is a strength. We want our faculty and staff to reflect Norway's culturally diverse population and we continuously seek to hire the best minds. This enables NTNU to increase productivity and innovation, improve decision making processes, raise employee satisfaction, compete academically with global top-ranking institutions and carry out our social responsibilities within education and research. NTNU emphasizes accessibility and encourages qualified candidates to apply regardless of gender identity, ability status, periods of unemployment or ethnic and cultural background.

As an employee at NTNU, you must at all times adhere to the changes that the development in the subject entails and the organizational changes that are adopted.

A public list of applicants with name, age, job title and municipality of residence is prepared after the application deadline. If you want to reserve yourself from entry on the public applicant list, this must be justified. Assessment will be made in accordance with [current legislation](#). You will be notified if the reservation is not accepted.

If you have any questions about the position, please contact Researcher and Head of Hunt Cloud Oddgeir Lingaas Holmen, email oddgeir.lingaas.holmen@ntnu.no. If you have any questions about the recruitment process, please contact HR adviser Hege Tverå Nilsson, e-mail: hege.tvera.nilsson@ntnu.no

If you think this looks interesting and in line with your qualifications, please submit your application electronically via jobb norge.no with your CV, diplomas and certificates attached. Applications submitted elsewhere will not be considered. Upon request, you must be able to obtain certified copies of your documentation.

About Trondheim

The city of Trondheim is a modern European city with a rich cultural scene. Trondheim is the innovation capital of Norway with a population of 200,000. The Norwegian welfare state, including healthcare, schools, kindergartens and overall equality, is probably the best of its kind in the world. Professional subsidized day-care for children is easily available. Furthermore, Trondheim offers great opportunities for education (including international schools) and possibilities to enjoy nature, culture and family life and has low crime rates and clean air quality

Application deadline: 28.04.2025

NTNU - knowledge for a better world

NTNU - knowledge for a better world

The Norwegian University of Science and Technology (NTNU) creates knowledge for a better world and solutions that can change everyday life.

The Faculty of Medicine and Health Sciences (MH) is one of NTNU's largest faculties with about 2000 employees (1300 full-time equivalents). The Faculty's main activities are education and research in close integration with St Olav's Hospital. For further information, see: <https://www.ntnu.edu/mh>.

Additional information

Contact person:

Oddgeir Lingaas Holmen, Researcher and Head of HUNT Cloud
Phone: | E-mail: oddgeir.lingaas.holmen@ntnu.no

Place of service:

Øya 7491 Trondheim (Trondheim Municipality)