

# Snr. Spec. Platform Analytics HPC DevOps

Job ID  
REQ-10026910  
oct 27, 2024  
Inde

## Résumé

The Snr. Specialist DDIT APD HPC DevOps will be a core member of a F1 Foundry team supporting the data42 HPC platform maintenance and ensuring delivering per the roadmap / vision laid out.

## About the Role

### Your responsibilities include but are not limited to:

- Responsible for design & development of features required in Analytics platform (HPC)
  - Collaborate with team to understand the scientific analysis activities and help them in getting rid of any issues that they come across with their scientific analysis.
  - Responsible to develop and deploy new prototypes based on the strategy / roadmap laid upon. Responsible in delivering the roadmap activities of analytics platform (HPC)
  - Understand, analyse and address user encountered issues in the Analytics platform. Understand the whole eco system HPC design and responsible to deal with developing new features / changes.
  - Responsible for documentation for new additional features developed or change requests / fixes.
- Responsible for adopting to DevOps practices / tools Have good understanding on DevOps implementations.
- Evaluate, validate and optimize Analytics platform to reduce costs. Responsible to design / develop new solutions in the light of Analytics platform using AWS cloud and tool stack.
  - Design & Implement integration with Novartis Internal, External Systems, F1 AWS platform. Provide level 4 internal technical support for the overall Analytics platform and provide support/advice to product and services teams when required.
  - Coordinating with Quality Engineer to ensure all quality controls, naming convention & best practices have been followed.

## Minimum Requirements

- 6+ years IT experience, 4+ years' experience in Analytics platform (HPC), 2+ years' experience in Big Data platform, 2+ years' experience in DevOps tools
- Hands-on experience on AWS cloud stack and more importantly around AWS services (EC2, S3, EKS, FsxLustre, Terraform, AMIs). Experience in Slurm architecture and configurations
- Good understanding in AWS parallel cluster know-how. Proficiency in at least one programming language such as Python or R. Good experience in systems engineering
- Implementation experience in DevOps tools / Practices. Knowledge of software engineering principles and ability to write clean, maintainable code. Strong problem-solving and analytical skills with a keen attention to detail.
- Good communication and teamwork skills, with the ability to work effectively in a collaborative environment.

Hands-on in programming languages primarily Python, Unix shell scripts, PySpark, Spark

• Strong in API based architecture and concept. Software engineering experience (versioning, Scrum, testing, collaboration good practices)

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Division

Operations

Business Unit

CTS

Emplacement

Inde

Site

Hyderabad (Office)

Company / Legal Entity

IN10 (FCRS = IN010) Novartis Healthcare Private Limited

Functional Area

Technology Transformation

Job Type

Full time

Employment Type

Regular

Shift Work

No

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