NOVARTIS

Assoc. Dir. DDIT IES - HPC Infrastructure Sr. Engineer

Job ID
REQ-10074835
Mar 31, 2026
LOC_IN

About the Role

Major accountabilities

High Performance Computing (HPC) Specialist for Novartis Core Infrastructure Services team performs the operational health deployment and lifecycle of HPC technology

Designs innovative solutions utilizing projects and qualification frameworks to run and optimize our complex infrastructures.

Act as technical and organizational escalation point during major and critical incidents.

Responsible to track suppliers and partner for effective and efficient delivery of projects

Contributes to service / platform strategy development

Commitment to Diversity & Inclusion: We are committed to building an outstanding, inclusive work environment and diverse teams, representative of the patients and communities we serve.

What you'll bring to the role

6+ years' IT experience, of which at least 3 in an HPC/scientific computing environment

Experience designing and building infrastructure within a public cloud platform (e.g. AWS, GCP or Azure) as they relate to HPC workloads

Hands-on experience with system administrative task in Linux environment, and fluency in scripting (shell scripting in bash required, Python knowledge would be advantageous)

Can build software from sources including knowledge of build systems (e.g. Make, CMake...)

Extensive knowledge of one or more HPC scheduling mechanisms (e.g. Grid Engine, Slurm, LSF... etc.)

Extensive knowledge of one or more HPC cluster management software packages (e.g. Bright Cluster Manager / Base Command Manager, xCat, OpenHPC… etc.)

Hands-on knowledge of network- and distributed filesystems (e.g. NFS, GPFS, Gluster, BeeGFS, Lustre or other parallel file systems, etc.)

Worked in environments with high speed / low latency network (e.g. InfiniBand)

Strong knowledge of Unix systems performance tuning

Working knowledge of DevOps (e.g. Ansible, Chef, CICD etc.) tools and practices

Desired: experience setting up, maintaining, and tuning infrastructure for AI/ML workloads

Desired: experience with HPC infrastructure supporting a scientific / research / pharmaceutical / bioinformatics / cheminformatics environment

Why consider Novartis?

Our purpose is to reimagine medicine to improve and extend people's lives and our vision is to become the most valued and trusted medicines company in the world. How can we achieve this? With our people. It is our associates that drive us each day to reach our ambitions. Be a part of this mission and join us!
Learn more here:
https://www.novartis.com/about/strategy/people-and-culture

Commitment to Diversity and Inclusion:
Novartis is committed to building an outstanding, inclusive work environment and diverse teams' representative of the patients and communities we serve.

Join our Novartis Network: If this role is not suitable to your experience or career goals but you wish to stay connected to hear more about Novartis and our career opportunities, join the Novartis Network here:
https://talentnetwork.novartis.com/network

Role Requirements

Why Novartis: Helping people with disease and their families takes more than innovative science. It takes a community of smart, passionate people like you. Collaborating, supporting and inspiring each other. Combining to achieve breakthroughs that change patients' lives. Ready to create a brighter future together? https://www.novartis.com/about/strategy/people-and-culture

Benefits and Rewards: Learn about all the ways we'll help you thrive personally and professionally.
Read our handbook (PDF 30 MB)

Division
DIV_TO
Business Unit
Information Technology
Location
LOC_IN
Site
Hyderabad (Office)
Company / Legal Entity
IN10 (FCRS = IN010) Novartis Healthcare Private Limited
Functional Area
FCT_TT
Job Type
Full time
Employment Type
Regular
Shift Work
No
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