

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

Job ID
REQ-10050665
сен 08, 2026
Мексика

Сводка

The HPC Infrastructure Services (Senior) Engineer executes and ensures service deployments and management to enable modern delivery flows of High-Performance Computing solutions.

About the Role

Job Description

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
- Associate's degree in computer science or related field, or equivalent industry experience
- 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.)
- Solid knowledge of computer architectures and multi-threaded/parallel processing applications
- 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
- Experience with shared memory and/or GPU and/or distributed memory computation jobs
- 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
- Exceptional service orientation, excellent problem-solving abilities, keen attention to detail.
- Fluent English speaker

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 \(PDF 30 MB\)](#)

Дивизион
Operations
Business Unit
Information Technology
Место
Мексика
Сайт
INSURGENTES
Company / Legal Entity
MX06 (FCRS = MX006) Novartis Farmacéutica S.A. de C.V.
Functional Area
Информационные технологии
Job Type
Full time
Employment Type
Regular

Shift Work
No

Accessibility and accommodation

Novartis is committed to work with and provide reasonable accommodation to individuals with disabilities. If, because of a medical condition or disability, you need a reasonable accommodation for any part of the recruitment process, or in order to perform the essential functions of a position, please send an e-mail to tas.mexico@novartis.com and let us know the nature of your request and your contact information. Please include the job requisition number in your message.

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