Job Description

Job Title	Systems Engineer
Centre	Infosys Centre for AI
Salary Scale	Scale-5 (₹7 Lakhs - ₹12 Lakhs per annum based on qualifications and experience)
Hours	Full Time
Contract Type	Regular
Contact	1. General Queries: Aayushi Shishodia [admin-cai@iiitd.ac.in] 2. Technical: Dr. Vinayak Abrol [abrol@iiitd.ac.in] and Dr. Dhruv Kumar [dhruv.kumar@iiitd.ac.in]
Reporting To	Dr. Debarka Sengupta [head-cai@iiitd.ac.in]
Additional Information	• This position can't be held concurrently with any other substantive post without prior permission from the Head of Centre. • The appointment will be purely temporary and on a contractual basis initially for a period of three years. There will be a six month probation period in the beginning. This appointment will not grant you any right or claim for an appointment for a regular position. At the end of three years, the contract can be further extended for another two years based on requirement and performance.

About Infosys Centre for Artificial Intelligence

Infosys Centre for Artificial Intelligence (CAI) was established as a strategic partnership between IIIT Delhi and Infosys Foundation (a non-profit organization). This is one of the largest endowments that industry has provided to academia for research in India. The centre focuses on research, education and technology development in areas including but not limited to Computer Vision; NLP; Robotics; Big data & graph analytics; Software engineering; Planning, scheduling & allocation, AI for social good and Healthcare informatics. CAI facilitates IIITD's B.Tech (CSAI) and M.Tech (specialization in AI) programmes which are ranked among the best in the country, and an ecosystem that attracts the best faculty from top institutions in India and abroad.

More Details: cai.iiitd.ac.in

Role

Systems Engineer

The Systems Engineer will be responsible for managing the IT infrastructure of the Infosys Center for Artificial Intelligence (CAI) at IIIT Delhi. This includes the installation, configuration, maintenance, and monitoring of servers (CPU and GPU), operating systems, network equipment, storage devices, cluster setups, and software applications.

The Systems Engineer will work closely with other members of the IT team to ensure that the infrastructure is secure, reliable, and efficient. They will also work with researchers and faculty members to understand their needs and provide them with the necessary resources and support.

Responsibilities

- Install, configure, and maintain servers, operating systems, network equipment, and storage devices.

- Setup and maintain cluster computing environments for high-performance computing.

- Configure and optimize CPU and GPU hardware and software for machine learning and artificial intelligence workloads.

- Install, configure, and maintain software applications required for research and development, including databases, programming languages, and scientific computing libraries.

- Monitor system performance and troubleshoot issues as they arise.

- Ensure system security by implementing appropriate security measures and policies.

- Work with researchers and faculty members to understand their computational needs and provide technical support.

- Manage backup and disaster recovery procedures to ensure data availability and integrity.

- Document system configurations, procedures, and troubleshooting steps.

Qualifications and Desirable Skills

- Bachelor's degree in Computer Science, Engineering, or a related field.

- 3+ years of experience in IT infrastructure management, preferably in an academic or research environment.

- Proficiency in Linux system administration, network configuration, and cluster computing.

- Experience with GPU hardware and software configuration for machine learning and artificial intelligence workloads.

- Familiarity with database management, programming languages, and scientific computing libraries.

- Strong problem-solving skills and ability to troubleshoot issues independently.

- Excellent communication and collaboration skills.

- Experience with cloud computing and virtualization technologies is a plus.

Application Procedure

Interested candidates can fill out this form: `https://forms.gle/Nbot9Z5H93pmYpzm7`
The post will be filled as soon as a suitable candidate is found.

Equality of Opportunity

Entry into employment with IIIT Delhi and progression within employment will be determined only by personal merit and the application of criteria which are related to the duties of each particular post and the relevant salary structure. In all cases, ability to perform the job will be the primary consideration. No applicant or member of staff shall be discriminated against because of age, disability, gender, marriage or civil partnership, race, religion or sexual orientation.