



**Assistant Manager-IT vacancy  
National Institute of Advanced Studies, Bengaluru**

No.NIAS/PA(SA)/2021

13 December 2021

National Institute of Advanced Studies (NIAS) was conceived and founded in 1988 by the late Mr. J. R. D. Tata, who sought to create an institution to conduct advanced multidisciplinary research. Housed in a picturesque green campus in Bangalore the Institute serves as a forum to bring together individuals from diverse intellectual backgrounds, in the natural and life sciences, humanities, social sciences, and conflict and security studies. The philosophy underlying NIAS is given shape by its multidisciplinary research teams. The Institute is unique in its integrated approach to the study of intersections between science and technology, philosophy, social issues and leadership. The objective is to nurture a broad base of scholars, managers and leaders who would respond to the complex challenges that face contemporary India and global society, with insight, sensitivity, confidence and dedication. For more details: [www.nias.res.in](http://www.nias.res.in)

NIAS invites application for filling up the following post:

**ASSISTANT MANAGER - IT (01 Post)**

**Job descriptions:**

Manage AWS based web services at NIAS ensuring high availability and security. Understand the application architecture and participate in Application Testing. Be aware of the details of the Application to be able to provide the first line of Application support.

Work with the Content Contributors (Stake Holders) and Content Uploaders at NIAS to understand the business needs. Propose solutions and develop Tools and Methodologies to better meet their needs.

Proactively lead and implement transformation, like migration from on-premises to public cloud infrastructure and vice versa.

**Technical Competency:**

The Candidate should have extensive experience providing support for Web hosting on AWS Cloud Environment. Should be and able to design secure applications on AWS Cloud.

The Candidate should be well versed in AWS virtual instances, load balancers, web servers, application servers, database, storage, authentication, Network, firewall and DNS etc.

Manage cloud infrastructure. Should have experience in using tools for Cloud Application (Database) Performance Monitoring to assess utilization as well as any attempts to breach Security. Cloud Monitoring in real time with metrics for dashboarding, alerting and reporting of event such as individual user login for security audits and other critical ones.

Must be conversant with the best practices for Cloud security & scalability. Should be able to provide recommendation for Applications fine-tuning/upgrades based on technology developments and

business needs. Analyze utilization and provide useful inputs to optimize Cloud infrastructure spending.

Must be good in AWS services like RDS (MySQL), AWS S3, Cloud Watch, EC2, API Gateway, Route 53, CloudFront, VPC, SQS, SNS, Cognito, CloudTrail, CloudFormation, IAM, KMS, and in Cloud Search, Elastic Search, DynamoDB, RDS.

Exposure to Application Implementation in a pipeline using the AWS CI/CD stack. Should have deployed solutions in containerized platforms.

The Candidate must have good experience in managing a small Computer Environment consisting of Windows/"Unix" servers, Network of 6 servers and mass storage and over 300 clients, multiple ISP links and providing a secure access including Firewall and VPN appliances.

Must have extensive knowledge in RHEL and be able to install RHEL and provide support for a secure environment consisting of Network Firewalls, anti-virus, Network Access Control using "RADIUS", Web Application firewalls, endpoint Security and vulnerability prevention.

**Essential Qualification & Experience:**

1. Graduate and above from a recognized University
2. A minimum of 3 years of experience in the relevant field

**Age limit:** Below 45 years (as on 01.12.2021)

The appointment will be initially on probation basis for a period of One **(01) year** from the date of joining. Further continuation will be based on an evaluation of performance. The selected candidate shall be required to join immediately. The Institute reserves the right to restrict the number of candidates for the recruitment process to a reasonable limit on the basis of qualification and experience higher than the minimum prescribed in the advertisement. Mere fulfilling the essential and desirable qualifications will not entitle an applicant to be called for consideration for recruitment. The Institute reserves the right not to fill above post herein advertised in case suitable candidates are not found.

Interested applicants should submit their curriculum vitae electronically, including the names and addresses of three referees and a brief statement of interest explaining why they are interested in joining NIAS, in a **single PDF document**. The last date for receipt of application is **05 January 2022**.

Short-listed candidates will be invited to NIAS for an interview.

**The applications should be addressed to:**

Head, Administration & Finance  
National Institute of Advanced Studies  
Indian Institute of Science Campus  
Bangalore-560012, India  
E-mail: admin@nias.res.in