



JD NO. 202403

Job Description: Debian Linux, DNS, and Low-level Programming

Position : Title: Linux System Administrator with Low-level Programming Experience
Location : Kolkata
Job Type : Full-time

Job Summary : We are seeking a highly motivated and skilled individual to join our team as a Linux System Administrator with a focus on Debian Linux, DNS management, and low-level programming tasks. The ideal candidate will have hands-on experience with Linux systems, strong knowledge of DNS configurations, and some exposure to low-level programming for device drivers and protocol stacks.

Responsibilities:

- Install, configure, and maintain Debian Linux systems and Hypervisors.
- Manage DNS configurations, including domain setup, record management, and troubleshooting.
- Develop and maintain device drivers for hardware components.
- Implement and maintain protocol stacks for network communication.
- Monitor system performance, troubleshoot issues, and ensure system security.
- Collaborate with other teams to integrate systems and applications.
- Provide technical support and assistance as needed.

Requirements:

- Bachelor's degree in Computer Science, Information Technology, or related field.
- Proven experience working with Debian Linux distributions.
- Strong understanding of DNS concepts and hands-on experience with DNS management.
- Low-level programming skills in languages like C/C++ for developing device drivers and protocol stacks.
- Familiarity with network protocols such as TCP/IP, UDP, HTTP, etc.
- Ability to work independently, prioritize tasks, and meet deadlines.
- Excellent problem-solving skills and attention to detail.
- Effective communication and teamwork abilities.

Preferred Qualifications:

- Certification in Linux system administration (e.g., LPIC, RHCSA).
- Experience with virtualization technologies (e.g., VMware, KVM).
- Knowledge of scripting languages (e.g., Python, Bash) for automation tasks.
- Familiarity with version control systems (e.g., Git) and configuration management tools (e.g., Ansible).
- Understanding of security best practices for Linux systems.

How to Apply:

Please submit your resume, cover letter, and any relevant certifications or portfolios to hr@iifon.org. Include "Linux System Administrator Application" in the subject line. We look forward to reviewing your application and discussing how you can contribute to our team.