KAUSTUBH JADHAV

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OBJECTIVE

Motivated IT graduate eager to begin a career, ready to learn, adapt quickly, and contribute to a collaborative team environment.

EDUCATION

Master of Computer Application, Sinhgad Institute of Management, Pune   2023 - 2025
CGPA : 7.35 / 10.00

Bachelor of Computer Science, Gokhale RYK College, Nashik   2020 - 2023
CGPA : 8.75 / 10.00

SKILLS

Unix	Process, Disk, Network, Memory, Permissions, Shell scripting
Linux	Firewall, User, Storage (LVM, RAID), Root recovery, IP setup, Network config
Programming	Java, PHP, Python, Bash
Cloud and DevOps	AWS, Docker, Jenkins
Databases	MySQL, MongoDB
Version Control	Git, GitHub

WORK EXPERIENCE

Linux System Administrator Trainee   Feb 2025 – Present
Company: Softenger India Pvt. Ltd., Pune
Technologies Used: Linux (Ubuntu, Rocky, Oracle linux), Bash, Cron, iSCSI, LVM, RAID, Firewall
Worked on Unix-based systems focusing on process management, disk management, memory tuning, and shell scripting to automate administrative tasks. Gained hands-on experience in managing network configurations, editing interface files, assigning static IPs, and bringing network cards up/down. Administered Linux systems by managing users and groups, setting permissions, and securing environments. Set up and maintained LVM volumes, software-level RAID arrays. Recovered root passwords, installed and configured Linux OS, and managed remote storage using iSCSI target and initiator configurations.

PROJECTS

AWS EC2 Web Server Deployment with S3 Integration.
Technologies Used: AWS, EC2, S3, SSH, HTTPD, Git
Deployed a web server on an EC2 instance, configured Apache HTTPD, and ensured the server started automatically on boot.Configured Git on the EC2 instance for version control, enabling seamless integration with project repositories.Created an S3 bucket, applied a public read policy, and uploaded an image for web access.Integrated the S3 bucket with the EC2 web server, allowing the image to be publicly accessible via the EC2 instance's public IP address. (Link)

Automated Linux Backup Solution
Technologies Used: Linux, Bash, Cron, SFTP, Email.
Automated backups using Bash scripting and rsync, scheduled via Cron to back up critical data. Transferred backups securely to remote servers using SFTP. Implemented email notifications for backup success or failure, ensuring proactive monitoring. Scheduled cleanup of old backups (older than 7 days) to optimize storage. (Link)

Linux Root Password Break
Technologies Used: Linux, Bootloader, runlevel, passwd command
Simulated root password recovery on a Linux system for troubleshooting and system recovery practice. Booted into

GRUB, edited boot parameters to access single-user mode (runlevel 1), and reset the root password using the 'passwd' command. Ensured secure boot restoration post-recovery and verified administrative access. This process is essential for system recovery in real-time production environments.(Link)

RAID Configuration and Management on Linux
Technologies Used: Linux, mdadm, RAID
Configured and managed RAID arrays (RAID 0, 1, 5) on Linux using the 'mdadm' tool. Created a RAID 1 (mirrored) array for redundancy, ensuring data safety. Performed array expansion and monitoring tasks to optimize performance. Validated the RAID configuration through benchmarking and fault tolerance tests, simulating disk failure and recovery.(Link)

COURSES AND INTERNSHIPS

- **Generative AI for DevOps by Trainwithshubham** – Gained insights into applying Generative AI in DevOps practices. link

- **AWS Zero to Hero by Trainwithshubham** – Learned the fundamentals of AWS Cloud with hands-on projects, covering various AWS services and solutions. link