

Darshan Mhaske

Linux System Administrator | Jr. Cloud Engineer

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Professional Summary :-

Proficient Linux System Administrator and Junior Cloud Engineer with 2 years of experience in managing and optimizing Unix-based systems and cloud environments. Expertise in Linux server management, automation with Bash and Python, and networking protocols like TCP/IP and VPN. Skilled in cloud platforms (AWS Certified Solutions Architect), leveraging services like EC2, S3, VPC, and IAM to ensure scalable and secure infrastructure. Strong problem-solving and communication skills with hands-on experience in CI/CD pipelines, web hosting management, and monitoring tools like Nagios and Prometheus.

Skill Set :-

Operating Systems: Ubuntu, CentOS, RHEL (RHCSA certified) | User Account Management | Network Traffic Packet Capture | System Installations | The Vi Editor | Backup and Restore | Hardware setup & troubleshooting | Network routers & Firewalls | Network switches | SIEM and Monitoring system | SHELL scripting & Automation | **Cloud Platforms:** AWS (Associate Solutions Architect certified), Azure and GCP (Basic) | **Continuous Integration/Continuous Deployment (CI/CD):** Aws CodePipeline | **Virtualization & Containerization:** VMware, Docker | **Automation:** Ansible, Bash, Python, CloudFormation | **Networking for Cloud:** VPN, VPC, Subnet, Security Groups | **Database Management:** MySQL, Amazon RDS, Amazon Aurora, DynamoDB | **Security & IAM (Concepts):** AWS IAM, SELinux, Firewall management | **Version Control:** Git, GitHub, GitLab | **Web Servers:** Nginx, Apache, OpenLiteSpeed | **Project Management tool:** Jira | Monitor Systems using tools like Nagios, Prometheus, and Grafana | **Control Panels, Billing & Automation:** cpanel, Direct admin, WHMCS | **Team Collaboration:** Effective communication and teamwork skills

Work Experience :-

Linux System Administrator - **Infinity IT, Nashik, Maharashtra, India** (January 2021 - January 2023)

- Provided comprehensive client support for web hosting and server management via platforms including WHMCS, Skype, and telephone communication channels.
- Managed a diverse infrastructure comprising over 200 BareMetal Unix systems and 30+ EC2 instances across various environments and projects, ensuring a remarkable 99.9% uptime.
- Implemented scalable systems to enhance performance, utilizing monitoring tools like Nagios and Zabbix, alongside AWS services such as EC2, VPC, Route53, Autoscaling, Application Load Balancer, Global Accelerator, S3, ECS, IAM, RDS, CloudTrail, CloudWatch and CloudFront.
- Achieved a 99.9% uptime by meticulously monitoring servers and essential services through SSH, cPanel, DirectAdmin, Control Web Panel, and Plesk Panel within a shared web hosting setup.
- Offered personalized client assistance through the creation, upkeep, and recovery of websites
- Installed, configured, and maintained Linux servers (Ubuntu, CentOS, RHEL), ensuring system stability, security, and performance across multiple environments.
- Managed user accounts, permissions, and security settings, enhancing system integrity and ensuring adherence to company policies.

Projects & Research :-

- Investigating the Problems that affect the data Security in cloud based blockchain technology: A case of Global tourism Industry.
- Deploying a Static Website on AWS S3.
- Building a Serverless RESTful API with AWS Lambda and API Gateway.

- Implementing continuous Integration / Continuous Deployment (CI/CD) pipeline on AWS.
- Configure DHCP server

Education :-

- MSc In Information Systems with Computing
Dublin Business School, Dublin Ireland *April 2024*
- BSc In Aeronautics (Avionics System)
HAL Pravara Institute, Nashik, India June 2020
- Diploma In Electronics & Telecommunications
S.M.E.S. polytechnics, Nashik, India June 2017

Certifications :-

- AWS Certified Solutions Architect Associate (AWS Cloud)
- Introduction to Cyber Security by Cisco Networking Academy (Cisco)
- Linux RHCSA & RHCE Training (RedHat)
- AWS Cloud Practitioner Training – Udemy (AWS Cloud/ Udemy)
- Python Certification Training (Udemy)

Languages Known :-

English (*Fluent*)

Hindi, Marathi (*Native*)

Work Permit & Visa Status :-

Currently holding Irish Stamp 1G with full time work permit.