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Objective

Detail-oriented and results-driven professional with expertise in Linux, cloud platforms and container orchestration. Proficient in building CI/CD pipelines, containerizing applications and managing cloud-based solutions on AWS. Skilled in hosting control panels, database management and SMTP configuration. Passionate about automating processes, optimizing system performance and ensuring seamless deployments. Eager to leverage technical skills and hands-on experience to contribute to a dynamic and innovative engineering team.

Experience

Linux System Administrator

Sprintzeal, Bangalore

Oct 2024 - Present

- **Linux System Administration:** Managed Linux distributions (Ubuntu, CentOS) for file systems, user permissions, process control and networking.
 - **Database Management:** Proficient in MySQL and MongoDB for creating and maintaining databases.
 - **Hosting Control Panels:** Experienced in managing web hosting environments using cPanel, WHM and CyberPanel, ensuring seamless domain and server management.
 - **Email Configuration:** Set up and managed SMTP configurations, including SPF, DKIM and DMARC for email security and deliverability.
 - **Web Frameworks & Deployments:** Configured LAMP and MERN stacks for web applications. Troubleshoot and optimized both environments for peak performance.
 - **CRM Deployment:** Successfully deployed CRM applications on servers, configured SMTP details and ensured seamless integration
 - **Team Collaboration:** Supported campaign teams by installing and configuring SMTP server
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Education

Master of Science

K.S.Rangasamy College of Arts and Science
Graduation: May 2024

Bachelor of Science

Bishop Heber College
Graduation: June 2022

Training

Linux, DevOps and AWS

VSphere Technologies, Bangalore

March 2024- September 2024

- **CI/CD Pipelines:** Designed and maintained CI/CD pipelines using GitLab CI/CD to automate Docker image builds, testing and deployment.
 - **Containerization & Orchestration:** Utilized Docker for container creation and management; deployed Kubernetes for application orchestration.
 - **Cloud Management:** Worked with AWS services (EC2, ECS/Fargate, Loadbalancer, EKS, RDS) for deploying and managing cloud-based solutions.
 - **Version Control:** Proficient in using Git and GitLab for source code management, version control and collaboration in DevOps workflows.
 - **Servers & Networking:** Proficient in configuring and managing Apache, NFS (Network File System), DNS (Domain Name System), FTP (File Transfer Protocol), SMTP (Simple Mail Transfer Protocol) and Samba for networked file sharing and server administration.
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Technical Skills

- **DevOps Tools:** Docker, Kubernetes, GitLab CI/CD, Jenkins
 - **Containerization & Orchestration:** Docker, Kubernetes
 - **Hosting Control Panels:** cPanel, WHM, CyberPanel
 - **Database Management:** MySQL, MongoDB
 - **Cloud Platforms (AWS):** EC2, RDS, ELB, VPC, IAM, ECR, Route 53, CodeDeploy, CodePipeline, Cloudfront
 - **Web Servers:** Linux Apache MySQL PHP (LAMP), MongoDB Express React Node.js (MERN)
 - **Version Control:** Git, GitLab
 - **Monitoring & Logging:** Prometheus, Grafana
 - **Email Configuration:** SMTP setup, SPF, DKIM, DMARC, Google Workspace, Outlook
 - **Backup & Maintenance:** Code and database backups, troubleshooting applications
 - **Operating Systems:** Linux (Ubuntu, CentOS), Windows
 - **Servers:** Apache, NFS, DNS, FTP, SMTP, Samba
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Declaration

I hereby declare that the above provided information is true to the best of my knowledge.

Suriyaprasad U K