SISIRA PUPPALA

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TECHNICAL SKILLS

Programming Languages	: Python, JavaScript
Cloud Platforms	: GCP, Azure, AWS Cloud
Containerization & Orchestration	: Docker, Kubernetes
Database	: RDBMS (MySQL), NoSQL (Elasticsearch)
Others	: Git, AJAX, Linux, Unix, Agile Methodology

PROFESSIONAL EXPERIENCE

Analyst II Infrastructure Services at DXC Technology   *Jul 2022 - Current*

- Managed server lifecycle (provisioning, configuration, deployment) to meet performance and security standards, **reducing deployment time by 30%** and improving **uptime**
- Decommissioned Linux/Unix servers across data centers ensuring **data sanitization** and compliance while completing **100+ server decommissions** with zero data breaches
- **Built and configured virtualized systems** using VMware and Red Hat Satellite ensuring performance and centralized management while **delivering 50+ servers on time to support scalability and growth**
- Collaborated cross-functionally to optimize system **performance**, **disaster recovery**, and **uptime**, **improving availability by 25%** and ensuring business continuity and system reliability
- Remediated vulnerabilities and applied **security patches** to improve system security, **reducing incidents by 40%** and ensuring continuous business operations.
- **Automated server provisioning and maintenance** using scripts and monitoring tools to streamline tasks, **increasing efficiency by 60%** and reducing manual work and response times
- **Led migration projects** from HP-UX to Linux enhancing performance and **reducing costs** by successfully transitioning 50+ servers with **minimal downtime and issue resolution**
  Technologies: Linux, Cloud Solutions, GCP, Unix, VMware

Junior DevOps Engineer Intern at Oryx Cloud   *Apr 2022 - Jun 2022*

- Helped in setting up and configuring CI/CD pipelines using Jenkins, which increased deployment frequency and reduced manual intervention by 80%
- Supported cloud infrastructure consisting of over 200 virtual machines, including handling updates, patches, and security compliance checks
  Technologies: AWS, Jenkins(CI/CD), Docker, Python

EDUCATION

Gayatri Vidya Parishad College of Engineering for Women   *Jun 2018 - Jul 2022*
Bachelor of Engineering in Computer Science and Engineering - CGPA 7.4

CERTIFICATIONS

- *Microsoft*: Certified DevOps Engineer Expert
- *AWS*: Certified Cloud Practitioner
- *Microsoft*: Certified Azure Administrator Associate
- *Google:* Cloud Certified Associate Cloud Engineer
- *Microsoft*: Azure Fundamentals

PROJECTS

Leave Management System   *Nov 2021-June 2022*

- Developed a web application, enabling admins to efficiently manage, approve, and track leave requests for all the students and faculties.
  Technologies: HTML, CSS, JavaScript, Python, MySQL, XAMPP