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## Summary

Passionate Electronics and Communication Engineering graduate with hands-on experience in Linux, Cloud Computing, DevOps, and Python. Seeking a role to leverage my skills in cloud architecture, automation, and software development to contribute to a dynamic organization's success.

## Skills

- **Linux Administration:** System Utilities, Soft and Hard Links, LVM, Compression, Partitioning, Permissions, Crontab
- **Cloud Computing (AWS):** EC2, S3, Elastic IP, VPC, Subnets, Load Balancer, Transit Gateway
- **Version control Tools:** Git & GitHub
- **CI/CD:** Jenkins
- **Container Engine:** Docker
- **Container Orchestration:** Kubernetes
- **Automation:** Ansible
- **Scripting and Programming:** Python, Scripting

## Education

**Atria Institute of Technology, Bengaluru**

B.E. in Electronics and Communication Engineering 2020-2024 CGPA: 8.7/10

**VMHSS, Tamil Nadu**

12<sup>th</sup> std – 80% (2020)

**VMHSS, Tamil Nadu**

10<sup>th</sup> std – 94% (2018)

## Project Experience:

- **Deploy a Web Server on EC2** Duration: Aug-Dec 2024  
**Technologies Used:** Linux, AWS, Elastic IPs, Security Groups, Web Server  
**Description:** Launched an EC2 instance, installed Apache/Nginx, configured security groups for HTTP/HTTPS, and assigned an Elastic IP for global accessibility. Gained hands-on experience with EC2, security groups, and Elastic IP management.
- **Scalable File Storage Solution** Duration: Aug-Dec 2024  
**Technologies Used:** Amazon S3, Security Group, RDS  
**Description:** Designed and implemented a scalable file storage solution using Amazon S3 for object storage and RDS for structured database storage. Configured IAM policies and security groups for secure access while implementing S3 replication for backup, ensuring high availability and data protection.
- **CI/CD Pipeline Automation** Duration: Aug-Dec 2024  
**Technologies Used:** GitHub, Jenkins, Nginx, Webhooks, Jenkins  
**Description:** Automated the CI/CD pipeline with GitHub webhooks, triggering Jenkins to build, test, and deploy applications on a Nginx server, ensuring efficient and reliable deployments with minimal manual effort.

## Certifications:

- Certified Cloud Computing in Besant Technologies Hebbal, Bangalore .
- Certified Python in Besant Technologies Hebbal, Bangalore.