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Portfolio: https://deepu1051.github.io/Deepak-portfolio-resume/

Objective

Enthusiastic fresher with experience in AWS Management Console, Linux, and DevOps tools, seeking entry-level roles as a Cloud Support Engineer or Junior DevOps Engineer. Eager to leverage skills in cloud infrastructure management and troubleshooting to support team success and grow expertise in AWS services. Committed to continuous learning and delivering scalable, secure, and efficient environments.

Education

- **Bachelor of Computer Application**   Tirupattur | Tamil Nadu
  Sacred Heart College (Autonomous)   (2021 - 2024)
  GPA: 6.70
- **HSC**
  Don Bosco Matriculation Higher Secondary School   Tirupattur | Tamil Nadu
  Percentage: 79.83%   (2020 - 2021)
- **SSLC**
  Infant Jesus Matriculation School   Tirupattur | Tamil Nadu
  Percentage: 73.6%   (2018 - 2019)

Technical Skills

Tools & Technologies: J2EE Technologies, Linux, Cloud Computing (AWS), Networking, Canva, Office Tools, Visio, DevOps Tools (Jenkins, Ansible, Docker, Grafana, Git, GitHub, Apache maven).

Soft Skills: Communicative, Teamwork & Collaboration, Adaptability, and Time Management.

Core Expertise

Linux:

- **User Management & Security:** Skilled in managing user accounts, permissions, and security policies (SELinux, password aging) using **chmod**, **chown**, and **chgrp**.
- **Automation & File Management:** Proficient in **cron job** scheduling, **shell scripting**, and backup management using **hard/soft links** within the Linux file system.
- **Passwordless Authentication & Troubleshooting:** Experienced in configuring passwordless authentication for **Linux EC2** and troubleshooting with **SSH**.s

Networking Management:

- Knowledge on **OSI** and **TCP/IP model**.
- Basic knowledge on routers, switches and firewall.
- Basic knowledge on networking devices, topologies, IP addressing.

AWS:

- **EC2 & Storage Management:** Proficient in provisioning and managing **EC2 instances**, configuring **EBS volumes**, and using **S3** for object storage, with expertise in **snapshots** and **AMIs** for backup and recovery.
- **IAM & Security:** Experienced in setting up and managing **IAM roles**, **users**, and **policies** to secure AWS resources, as well as designing and managing **VPCs** for network isolation and security.

- **Monitoring & Scaling:** Skilled in using **CloudWatch** for resource monitoring, **SNS** for notifications, and configuring **Auto Scaling groups** to ensure optimal performance and cost-efficiency.
- **Load Balancers & AWS Services:** Proficient in configuring **Elastic Load Balancers** for traffic distribution and knowledgeable in additional AWS services like **DynamoDB**, **Lambda**, **CloudFront**, and **CloudTrail**.

DevOps:

- **CI/CD & Automation:** Hands-on experience with **Jenkins** for automating CI/CD pipelines and **Ansible** for configuration management and deployment automation.
- **Containerization & Monitoring:** Proficient in using **Docker** for containerizing applications and **Grafana** for monitoring and visualizing system performance.
- **Version Control & Build Management:** Experienced in using **Git/GitHub** for version control and collaboration, and **Apache Maven** for automating builds and managing dependencies.

Internship:

Full Stack Development – Kaashiv InfoTech
Completed the Practical High End Technology Industrial Training in Full Stack. (Feb 2024)

Certifications:

Software Documentation - Don Bosco center for skill development Sacred Heart College. (Aug 2023 - Nov 2023)

Project:

Career Connection Platform Using Student Profiling (Apr 2024) – It is a Web Application using J2EE Technologies (Java Servlet and JSP). This project aims to predict and recommend the career to a person using resume/profile. **Tech:** Java, SQL, HTML, CSS, JS and Bootstrap 4.

Platform Worked:

Linux, Windows, Oracle VM, Hyper -V Manager, AWS Management Console, Git, and Putty.

Hobbies:

- **Sports:** Passionate Athlete (100m, 200m, and 400m), Kabaddi and Cricket Player.
- Listening Music, and Travelling.
- Habitat for humanity volunteer.

Languages Known:

- Tamil (Native & Fluent)
- English (Fluent)

Declaration

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

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