

DARSHAN M

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SUMMARY

Motivated and skilled computer science graduate inclined towards problem-solving. Committed to delivering exceptional results with strong work ethic, effective communication, and collaborative mindset to drive project success. Eager to contribute my technical knowledge to a dynamic organization focused on innovation and growth.

SKILLS

- **Operating Systems:** RedHat Linux
- **Cloud:** AWS (EC2, IAM, S3, SNS, CloudWatch, Route 53, CloudFront)
- **DevOps Tools:** Ansible, Docker, Maven, Jenkins, Git, GitHub
- **Networking:** OSI Model, TCP/IP, DNS, DHCP, VPN
- **Programming:** Python, SQL, Django Framework
- **Soft Skills:** Communication, Time Management, Leadership, Problem Solving, Teamwork

PROJECTS

- **Land Registration with Blockchain:**
 - Developed a blockchain-based system aimed at securing land transactions and preventing fraud. This project leverages the decentralized and transparent nature of blockchain technology to validate and record land ownership in an immutable public ledger using JavaScript, ReactJS, Ethereum Blockchain, Solidity, and Ganache
- **AI DESKTOP VIRTUAL ASSISTANT using Python and Tkinter:**
 - Developed an AI-powered desktop virtual assistant using Python and Tkinter, designed to streamline user tasks with voice recognition, automated responses, and task management features.
 - This tool enhances productivity by offering hands-free operation and intuitive interaction within a desktop environment.
- **Ansible Real-Time Automation:**
 - Developed and automated an AWS EC2 instance provisioning system using Ansible, creating two Ubuntu and one Linux instances with loops.
 - Implemented password-less SSH authentication between the Ansible control node and instances for seamless management.
 - Automated conditional shutdown of Ubuntu instances using Ansible conditionals and `gather_facts`, enhancing operational efficiency and resource management.

INTERNSHIP

TECHNOLOGICS GLOBAL PVT LTD, Bengaluru

Aug 2023 – Sept 2023

Artificial Intelligence & Machine Learning Using Python

- Developed a face detection and recognition system

PROFESSIONAL EXPERIENCE

Linux Administration:

- Proficient in Linux installation, user management, and password policies.
- Skilled in automating tasks, managing permissions, and configuring Cron jobs.
- Expertise in implementing password-less authentication on Linux EC2 for secure access.

Networking:

- Knowledgeable in OSI/TCP-IP models, network devices, and IP addressing.
- Experience with routers, switches, firewalls, and VPN configuration.

AWS Cloud Management:

- Optimized cloud storage costs by automating EBS snapshot clean-up with Lambda.
- Managed EC2, IAM, S3, CloudFront, and implemented scalable architecture using Auto Scaling and Load Balancers.

CERTIFICATIONS

- Certification of Excellence in Computer Networks – Scaler
- Linux, AWS & DevOps Certification - Apponix Technologies, Bengaluru

EDUCATION

Bachelor Of Engineering (CSE): 2020-2024 (CGPA – 6.75)

Pre-University: 2020 (PERCENTAGE – 71.83%)

SSLC: 2018 (PERCENTAGE – 90.24%)

LANGUAGES

English (Intermediate), Hindi (Intermediate), Kannada (Native)

INTERESTS

Video editing, Learning new things