Nandheeswaran M

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👤 Summary

Proactive IT professional with hands-on expertise in Linux system administration, automation, and support. Skilled in resolving technical issues through efficient ticket management, system patching, and security updates. Strong in automation using Ansible and shell scripting to streamline operations and reduce manual effort. Known for adaptability, problem-solving, and delivering reliable solutions in fast-paced environments.

📊 Skills

linux · docker · kubernetes · shell script · ansible · aws solution architect - associate · git · jenkins

🎓 Education

Srv Boys Higher Secondary School
SSLC - Maths/Biology, Percentage: 84
Namakkal, Tamil Nadu
May 2020

Dr. Mahalingam College Of Engineering And Technology, Anna University
Bachelor of Engineering - Electronics and Communication Engineering, CGPA: 8.9
Pollachi, Tamil Nadu
May 2024

💼 Experience

Tata Consultancy Services
Assistant System Engineer
Oct 2024 - Present
Bangalore, Karnataka

Hands-on experience in Linux server administration, incident/ticket resolution, and system patching. Automated routine tasks using Ansible playbooks and shell scripting, improving efficiency and reducing errors. Ensured system security and compliance through regular updates, while collaborating with teams to deliver timely solutions.

🏆 Awards

- Recognized with a Learning Achievement Award for exam excellence.
- On-the-Spot Award for demonstrated technical expertise and knowledge.

✳ Certifications

- Achieved AWS Certified Solutions Architect – Associate with a score of 97%, demonstrating strong expertise in cloud architecture and services.
- Successfully completed professional training in Linux, Ansible, Jenkins, Git, Docker, and Kubernetes through Udemy, gaining practical skills in automation, CI/CD, containerization, and orchestration.

🎮 Extra Curricular

- National Service Scheme (NSS) Member – Participated in community service, social awareness drives, and volunteering initiatives.
- Environment Club Member – Contributed to campus sustainability projects, awareness campaigns, and environmental conservation activities.

🔤 Language

Tamil   English

📄 Projects

- Fake News detection using regression model

Developed a Fake News Detection system using regression models by training on labeled datasets to assign probability scores indicating whether news articles were genuine or fake, leveraging features such as content, source, author, and metadata after preprocessing and feature engineering to improve accuracy.

- Design of MIMO Antenna for 5G Mobile application

Implemented a project on Multiple-Input Multiple-Output (MIMO) antennas for 5G applications, focusing on simultaneous transmission and reception using multiple antennas to enhance data rates and network capacity. Demonstrated how MIMO enables spatial diversity, interference cancellation, and improved signal quality, leading to better coverage and performance in next-generation mobile networks.

- DevOps Workflow on AWS EC2

Developed and deployed a complete DevOps pipeline on AWS EC2 for a static website, integrating Jenkins, Docker, Ansible, and Git to automate build, deployment, and configuration processes. Implemented continuous integration and delivery using Jenkins with Git-based triggers, enabling seamless updates from code commit to deployment. Used Docker to containerize the website for consistent environment setup and Ansible for configuration management across servers. The project showcased strong practical skills in DevOps automation, cloud infrastructure management, and end-to-end deployment workflows.