Sandeep Sahani

Network Automation Engineer Intern

Bangalore, India	913 732 6157	sahanisandeepr@gmail.com	Sandeep Sahani | LinkedIn

Dedicated and hardworking professional who truly believes in the value of continuous growth and learning. A fast learner with an adaptable mindset, committed to achieving excellence while fostering positive connections and making a meaningful impact.

Professional Experience

Network Automation Engineer - Intern

Intel, Bengaluru, Ka July, 2024 – June, 2025

- Used this opportunity to learn fundamental of CCNA, python scripting for network automation, ansible for network automation. Learned these skills and utilized them on the assigned projects. Some of them I am mentioning below.
- Wrote a script that releases the lease of IPs marked as bad address by the DHCP. This got extended to identification the mac of the client causing the bad address. This would save critical time of engineers who have to quickly solve the issue as the bad address can render a subnet unusable, therefore the customer is facing issues.
- Wrote a script that cleans the subnet related data from the IP management database and DNS records along with proper validation and backup. Wrote another script that lands public IP inside intel network. Another that touches every LAN scope and modifies the L3 configuration to have more than 2 helper address, etc.
- All the scripts save significant time along with eliminating human errors.

Education

M. Tech. Computer Science IIIT, Jabalpur, MP, India July, 2023 – June, 2025

- During my course work, studies python and used it to build several course and non-course related projects. That helped me become a competent coder.
- Got opportunity to become Teaching assistant for Computer networks. Utilized it to learn theory concepts as well as packet tracer, which helped me visualize network architecture.
- Achieved 9.8 CGPA out of 10 in semester 1 and overall CGPA of 8.9 out of 10.

Skills

- Python
- API's
- Problem Solving
- Ansible
- Network Automation
- Adaptability
- CCNA Fundamental
- Critical Thinking

Projects

DCU-Net: a dual-channel U-shaped network for image splicing forgery detection

- Created dual channel, one of VGG-16 and other based on Res-Net and concatenated and up-sampled the output of the both to learn and localize forgery in image. Achieved 80% true positives on the untrained images.

Question Generation based on T5 Transformer

- This project involves finetuning T5-base on SQuAD Dataset and generated the question answer pair and finetuning mT5 on RACE dataset for generating distractors. Was able to generate relevant distractors.