Saurabh Choudhary

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Education

Shri Shankaracharya Technical Campus   June. 2018 – July 2022
Bachelor of Technology in Computer Science and Engineering   *Bhilai, Chhattisgarh*

Skills

- Python Programming
- Amazon Web Service
- API Development (Flask, FastAPI)
- Linux Administration
- Container orchestration (Docker, Kubernetes)
- CI/CD Tools (Github Actions, Jenkins,)

Experience

Webscoot.io   August 2022 – January 2023
Cloud Engineering Intern   *Remote*
- Work profile includes managing Linux servers using automation tools like ansible and involved working with CI/CD,testing and deploying application using Docker, terraform.
- Part of the Cloud Engineer Team, responsibilities include working on installation , testing and monitoring of Magento 2 servers , used various tools to ensure resiliency and system reliability.
- Collaborated with team members using version control systems such as Git to organize modifications and assign tasks.
- Utilized Github Actions to provide a continuous integration service in order to automate the entire process of Build, Test, Deploy.

Linux World Pvt Ltd   June 2021 – August 2021
Software Engineer Intern   *Remote*
- A training program that cover - Machine learning — Deep learning —OpenCV—Jenkins — Docker — kuberbetes — Git and github — AWS cloud basics — Python — Redhat linux.
- Learned about Machine learning different algorithms(Supervised - Unsupervised), and their integration with DevOps tools like Git-GitHub, Docker, Kubernetes, Ansible, Jenkins..

Projects

HIGH AVAILABILITY ARCHITECTURE WITH AWS | *AWS, EC2, ELB Cloud Console*
- Deployed a high available web app on Aws EC2, Aws ELB.
- Aws ELB is used for load balancing.
- Autoscaling group is used for auto healing and auto scaling the ec2 instances.
- Used Cron to schedule the program to execute automatically

Containerized Application Deployment using Docker | *Docker, EC2 , DockerHUB*
- Created a Dockerfile using Node as Base Image.
- Running container is ec2 instance, configuring security groups,
- Pushing build container to private image registry for deployment.

CI/CD Pipeline using Github Actions | *Github Actions, node*
- Creating the Github Action Pipelines to automate the process of fetching the files from github..
- Creating pipeline for automated building of containers and deploying on AWS infrastructure..
- Deploying the container by automating the provision of infrastructure.
- Creating Auth Token for private git repo.

Technical Skills

Languages: Python, HTML/CSS, JavaScript, SQL
Developer Tools: VS Code, Amazon Web Service, Gitlab
Technologies/Frameworks: Linux, Jenkins, GitHub, Flask, FastAPI, WordPress

Course / Training

Tools and Technology

- Redhat Certified System Admin Training.
- AWS Solution Architect Training.
- Devops Training by Kodekloud.