



📍 India

📞 7428666289

✉ anu.pathania01@gmail.com

## SUMMARY

• A challenging position that will effectively utilize acquired training, expertise and abilities and I expedite my potential to the maximum by accepting the challenges of the corporate world and improve constantly through innovations, creativity, and hardwork with positive approach.

## SKILLS

- Hands on in Kubernetes, Jenkins, Docker, Terraform.
- AWS Services: EC2, EBS, ECS, S3, IAM, ELB, Autoscaling, Route 53, Cloud Watch, Route 53, SNS, SQS.
- Configuration Management: Ansible.
- Monitoring Tools: Prometheus, Grafana, Nagios
- Scripting Language: Python, Bash
- Source Code Management: GIT.
- Operating systems: Windows, Linux

# Anu Pathania

## EXPERIENCE

June 2023 - Current

### Devops Engineer Ascent Cyber Solutions

- Implemented Kubernetes clusters to manage containerized applications, improving scalability and resource utilization
- Worked with Docker containerization and deployed applications over Docker containers
- Understood well DevOps culture and CI/CD workflow using Jenkins with Git and GitHub Version controls
- Designed and implemented Ansible playbooks for configuration management, automating routine tasks and reducing manual errors by 30%
- Collaborated with development and operations teams to integrate Ansible into the CI/CD pipeline, resulting in faster and more reliable application delivery.
- Developed and maintained custom Ansible roles and modules tailored to the organization's infrastructure requirements, enhancing reusability and maintainability.
- Automated deployment processes using tools like Jenkins and Docker, resulting in a 30% reduction in deployment times
- Experienced with Docker containers and docker hub registry
- Built images and shipped images to hub registry then deployed on production servers using docker
- Performed rolling updates when new source code version is released
- Wrote Jenkins Pipeline code and automated Build and Deployments to Kubernetes
- Deployments Wrote custom Pipeline code for project specific build and deployed name spaces for Dev, QA, and Prod
- Deployed 3-tier architecture infrastructure on AWS cloud using Terraform-IaC
- Wrote python scripts to automate custom build steps in Jenkins CI/CD
- Implemented logging and monitoring solutions using tools such as Prometheus and Grafana to ensure proactive issue identification and resolution
- Assisted in designing and implementing CI/CD pipelines for various projects, using Jenkins
- Managed and maintained Docker containers for application deployment, improving the consistency of development and production environments
- Implemented Docker Private Registry for storing docker images privately.

December 2020 - May 2023

### Junior Programmer HARTRON (Client-Homeguards and Civil Defence)

- Setup of window and linux servers on Amazon infrastrucure(EC2,EBS,IAM,Security groups)
- Designed AML images of EC2 instances
- Cost optimisation in an organisation by removing unnecessary resources consumed
- Creation of instrastucture using terraform

- Built and deployed Docker containers into microservices
- Creation of CI/CD pipeline for automatic deployments
- Taking Backup and Restoring as and when required
- Creating and Managing DNS records on Route53
- Setting Up new Virtual Private Cloud (VPC) and managing Networking between VPCs as VPC Peering
- Actively manage, improve, and monitor cloud infrastructure on AWS, EC2, S3
- AWS resource migration from one region to another in same account or in the cross account
- Knowledge of configuration and management tools such as GIT, Jenkins, Ansible, Docker, k8s.

June 2018 - March 2020

#### **System Admin JNV**

- In house website upgradation & Maintenance for ongoing school activities
- Preparing SOP for internal application usage and arranging training for the same
- Creating & Maintaining Department database using MySQL.

July 2015 - March 2017

#### **System Admin JNV**

- In house website upgradation & Maintenance for ongoing school activities
- Preparing SOP for internal application usage and arranging training for the same
- Creating & Maintaining Department database using MySQL.

---

## **EDUCATION**

01/2014

### **MCA**

LOVELY PROFESSIONAL UNIVERSITY, JALANDHAR

Percentage: 79%

01/2010

### **BCA**

PUNJAB TECHNICAL UNIVERSITY

Percentage: 82%

01/2007

### **Senior Secondary | Medical**

KENDRIYA VIDYALAYA(CBSE)

Percentage: 72%

01/2007

### **Secondary**

KENDRIYA VIDYALAYA(CBSE)

Percentage: 68%

---

## **PERSONAL INFORMATION**

- Age / Date of birth: 01/24/90
- Gender: FEMALE
- Nationality: INDIAN
- Marital status: MARRIED