Hemant Kumar Pandey

An aspiring DevOps Engineer who is looking for opportunities in DevOps, Cloud, Web Development and Java Development to leverage my skills and knowledge in Computer Science and Engineering.

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PROJECTS

End to End CICD Implementation— *Jenkins*

Implemented an end to end CI/CD pipeline for

java based application using Jenkins declarative pipelines.
As part of the pipeline, I have implemented various stages such
As Build, Unit testing, static code analysis, SAST, DAST, Creation
Of Docker Images, Deployment on Kubernetes platform using
Argo CD.

Implemented Three Tier Architecture — *AWS*

Implemented a three tier Architecture that is highly available
And scalable using Terraform and deployed the application
On Ec2 Instances using the User Data script.

AWS Components Involved:
VPC, ASG, Route53, CDN, ELB, EC2, S3, NAT, API Gateway.

Cloud Cost Optimization — *AWS*

Used the combination of AWS cloud watch and Lambda functions
To decrease the cloud cost by 25 percent.

Implementation:
Created lambda function in python, used the boto3 module to interact
With AWS service APIs and this lambda function is triggered by
Cloud Watch events.
This lambda function would watch for any unused EBS snapshots and
Either delete them or send out notification to the snapshot owner.

PROFESSIONAL QUALIFICATION

- Pursuing B. Tech 3rd year (CSE with AI&ML)   Sep 2021 –till now.
- University: Dr. A.P.J. Abdul Kalam Technical University U.P, Lucknow

SKILLS

- HTML, CSS, JavaScript
- Bootstrap
- NodeJS
- React Js
- MongoDB
- Java

- Kubernetes
- AWS, Azure or GCP
- Terraform
- Ansible
- Docker
- Linux
- Git, GitHub and Gitlab
- Bash and Python
- Argo CD

ACHIVEMENTS AND AWARDS

- **Recommended** for **SSB Interview** at SSB Bengaluru .
- Rewarded by Madle at the District Level Aptitude Hackathon during School.

LANGUAGES

English and Hindi.

ACADEMIC QUALIFICATION

- XII from U.P. Board in 2020 with 69% aggregate.
- X from U.P .Board in 2018 with 75% aggregate.

AREA OF INTERESTS

- Engineering Mathematics
- Operating System
- Data Base Management System
- Object Oriented Programming System
- Data Structure and Algorithms
- Computer Network