

AKASH KUMAR VERMA

DEVOPS ENGINEER

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EDUCATION

GANDHI INSTITUTE FOR EDUCATION AND TECHNOLOGY

B-TECH IN MECHANICAL ENGINEERING

2018 - 2022

CGPA: 8.0/10.0

TATA DAV PUBLIC SCHOOL

XII : PCM WITH COMPUTER SCIENCE

2017 - 2018

PERCENT: 86%

SKILLS

- JAVA • Python • C++
- Linux • Shell Scripting • CI/CD
- Git • Jenkins • Ansible • Terraform
- Node.js • MongoDB • SQL
- Docker • Kubernetes • JFrog
- Golang • PowerShell • Perl
- AWS • Azure
- Problem Solving
- Strong Communication

PROFILE

DevOps Engineer with one year of experience as Apprentice in CI/CD implementation, collaborating across teams for streamlined development. Skilled in automating infrastructure with Docker and Kubernetes, proficient in cloud platforms (AWS, Azure, Google Cloud).

EXPERIENCE

DASSAULT SYSTEMS | APPRENTICESHIP

DevOps Engineer

March. 2023 - Present

- Migration of products from **TFVC** to **GIT**, incorporating **GIT LFS** implementation.
- Utilized **JFrog** for artifact management, enhancing build and deployment efficiency.
- Developed **PowerShell scripts** for automation, streamlining operational workflows.
- Established **Azure Pipelines** to facilitate seamless integration and deployment.
- Implemented end-to-end **CI/CD pipelines** using **Jenkins** for accelerated development cycles.

ACCENTURE NORDICS | INTERNSHIP

Web Development Intern

Aug. 2022 - Oct. 2022

- Developing the Architecture of Application.
- Programming the pre built Application from **Python**.
- **Testing** the functioning along with the **security** of the program.
- **Debugging** the provided programs.
- Implementing **M.L.** into the program using Python.

PROJECTS

DEVELOP CI/CD PIPELINE FOR TODO LIST

Develop and Deploy todo list project (Used Python)

- Deployed on **AWS EC2** Ubuntu Machine.
- Used **SonarQube** for code analysis and checking for test cases.
- Build Declarative **Jenkins pipeline** syntax and connect it to **Docker**.
- Pull image from Docker and deployed to **Kubernetes**.
- Used **Prometheus** for further monitoring of application.

(Automated the deployment process, **reducing deployment time** from hours to under 5 minutes and improving the reliability of deployments.)

AUTOMATIONS EXPERIENCE

1. If else Block with **JFROG RestAPI** :- Used Curl parameters.
2. For Loop with **JIRA RestAPI** :- Transfer file data to URL.
3. Array Declaration to check the **Jar Process** :- Checked all the process running in the system.
4. **Send Mail** using shell script automation process.
5. Created simple **HTML FILE using Shell Script**

LINKS

GitHub : [Akash369-git](#)

Leetcode : [Akashverma212](#)

Linkedin : [AkashVerma](#)

YouTube : [Sky_Cloud](#)

Medium: [Akash_Verma](#)

COURSES

[Jenkins](#)

[Docker](#)

[GIT](#)

[AWS Basics](#)

[Azure DevOps \(SCM\)](#)