ASHISH BHAWEL

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SUMMARY

As an ambitious and results-driven DevOps student, I am passionate about leveraging technology to streamline development processes and enhance organizational efficiency. Currently, pursuing Information Technology Engineering with a focus on DevOps and Cloud Computing, I possess a solid foundation in key technologies such as AWS, Docker, Scripting, Linux. With a keen interest in automation, infrastructure as code, and continuous integration/ continuous deployment (CI/CD).

EXPERIENCE

YouTube Doom Scroll Preventer - College Minor Project - Group Project   **(Nov 23 - Dec 23)**

- Developed a Golang application to automate the downloading of YouTube videos, reducing platform distractions.
- Integrated YouTube Data API v3 and yt-dlp for video fetching and cron scheduling for regular updates. •
- Enabled Docker support with Multi-stage docker build and allowed users to set video resolution and download time preferences

Hectoberfest2023-Opensource   **(Oct 23)**

- Participated in Hacktoberfest-2023, contributing to open-source projects.
- Contributed to Jenkins git hub repository.
- Updated some plugins and fixed some issues.

EDUCATION

Jabalpur Engineering College, Jabalpur, MP   **2020-24**
B.TECH : Information Technology Engineering   **(CGPA : 7.20)**

Boon Son High School, Indore, MP   **2020-21**
Higher Education: Physics, Chemistry, Mathematics   **(70.6 %)**

PROJECTS

Project: Dockerized Application Deployment with AWS Integration
- **Skills:** Docker, Docker Compose, Nginx, Prometheus, Grafana, AWS (EC2, container registry)
- **Process:** Containerized a sample application, orchestrated deployment with Docker Compose and Nginx. Implemented monitoring using Prometheus and Grafana. Deployed the solution on AWS, including instance setup and container image management.
- **Outcome:** Successfully demonstrated skills in container-based deployment, orchestration, monitoring, and cloud integration for streamlined application delivery.

Project: WordPress Deployment on AWS EC2
- **Skills:** WordPress, AWS EC2, RDS (MySQL), AWS Console
- **Process:** Process: Set up a WordPress website on an EC2 instance, leveraging an RDS database for data persistence. Configured the EC2 instance to function as a web server, enabling it to host the WordPress application.
- **Outcome:** Gained hands-on experience with AWS deployment and WordPress on cloud infrastructure.

TECHNICAL SKILLS

- **Programming Languages:** C, C++, Python
- **DevOps Tools:** Docker, Kubernetes, Jenkins, Maven, Ansible, Terraform
- **Cloud Platform:** AWS, Azure
- **Others:** Linux, Bash Scripting, Git&Github, CI/CD

CERTIFICATIONS

- **Udemy** - Learn DevOps: Docker, Kubernetes, Terraform and Azure DevOps
- **Udemy** - Python Programming