Akash Singh

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Education

National Institute of Technology Agartala   CGPA - 7.82
Master of Computer Applications (MCA)   *2022 - 2025*

University Maharaja College, Jaipur   Grade - 63.20%
Bachelor of Computer Applications   *2018 - 2021*

Saraswati vidhyapeeth Sn.Sec.School   Grade - 68.20%
Course PCM   *June 2017 - May 2018*

Projects

Two-Tier Flask Application   Sep 2023 - Present

* Designed and deployed a robust Two-Tier Web App on AWS.
* Front-end: Flask-based, user-friendly message submission and display.
* Back-end: MySQL database for message storage.
* Containerized with Docker for portability.
* Utilized Docker Hub for image storage and management.
* Orchestrated deployment and scaling with Kubernetes.
* Simplified configuration management with Helm charts.
* Demonstrated expertise in DevOps, cloud infrastructure, and containerization.
* **Technologies:Gitgithub,Docker,Dockerhub, kubernetes,Helm AWS Github Repo**

Node-Todo-App   Aug 2023 - Present

* Developed and deployed web applications using Docker containers on AWS.
* Created Dockerfiles for Node.js, Python, and Django apps.
* Published Docker images on Docker Hub for efficient distribution.
* Implemented strong security measures.
* Proficient in Docker, AWS, Git, and CI/CD practices.
* **Technologies: Git Github , Docker, docker-hub , Jenkins, web-hooks ,and AWS Github Repo**

Skills

Programming/Scripting C++,Python and shell-script , Oops
Miscellaneous Linux, Git, GitHub, Docker, Jenkins, Kubernetes, Azure, AWS(Amazon Web service), SQL

Certifications

* **Python programming language from trainwithshubham**
* **Linux from trainwithshubham**

Activities and Achievements

* **Activity team coordinator** at **University Maharaja College.**
* **NSS volunteer** at **University Maharaja College**
* **1st prize in photography in intra college fest jaipur**

Hobbies

Photography
Traveling and Exploring new places