Akash Singh

📱 +91-7412946190 | ✉ akashsingh6474@gmail.com | in akashs01 | ⚙ akashsingh6474

Education

National Institute of Technology, Agartala	Agartala, Tripura
Master of Computer Applications	*Aug 2022 – Present*
CGPA: 7.48/10.00	
University of Rajasthan	Jaipur, Rajasthan
Bachelor of Computer Applications	*July 2018 – Oct 2021*
Percentage: 63.2/100.00	

Experience

cloudplay solutions ⤤ — Remote
DevOps Engineer Intern — *June 2024 – Sept 2024*

- Deployed applications on Hostinger VPS with **Nginx**, leveraging **Docker** and managing **MySQL**, optimizing infrastructure for performance.
- Automated deployment processes, ensuring system reliability, promoting DevOps best practices for **continuous improvement**.
- Collaborated with teams to enhance scalability and uptime, achieving **faster deployments** and improved user satisfaction.

Projects

Doctor On Call ⤤
| React, Node.js, MySQL, Docker, PM2, Nginx

- Deployed on Hostinger VPS with **MySQL** for efficient data management.
- Configured **Nginx** as a reverse proxy, enhancing security and response times.
- Used **Docker** for consistent environments, and set up **Jenkins** for CI/CD, reducing deployment time by 40%.
- Implemented **PM2** for process management, ensuring high availability.

Django Todo App ⤤
| Django, Docker, Kubernetes

- Containerized a Django app with **Docker**, achieving faster deployments.
- Leveraged **Kubernetes** for orchestrated deployment, improving app reliability.
- Managed version control with **Git**, maintaining an organized codebase.

Static Website on AWS S3
| AWS S3, Route 53

- Deployed a static website with 100% uptime and accessibility using AWS S3.
- Created and configured an S3 bucket for public access and static website hosting.
- Integrated the site with a custom domain.

Technical Skills

Languages: C++, Python
DevOps Tools: Linux , Git , Shell Script , Docker, Jenkins , Kubernetes
Cloud: AWS
Databases: MySQL

Achievements

Photography Team Coordinator at University Maharaja College.

NSS Volunteer, engaging in community service projects.

1st Prize in Photography at an intra-college fest.

MOOCs & Interests

DevOps Zero to Hero ⤤ — Dec 2023
Certification — *TrainwithShubham*
Interests: **Traveling**, **Photography**, **Public Speaking**.