

TARANPREET SINGH BATRA

DEVOPS ENTHUSIAST

+91 9352311757

[Github](#)

[Linkdin](#)

[gmail](#)

SUMMARY

Hey there! I'm Taranpreet, a Cloud & DevOps enthusiast with a background in Computer Science. I have hands-on experience in AWS, Docker, Kubernetes, Linux, and CI/CD pipelines. Currently, I'm working on building a PaaS (Platform as a Service) solution that simplifies cloud infrastructure for businesses. Passionate about automation, scalability, and DevOps best practices, I love solving complex problems and continuously learning new technologies. Always open to learning, collaborating, and sharing knowledge!

PROFESSIONAL SKILLS

Compute & Hosting

Networking & Load Balancing

Monitoring & Alerts

Auto Scaling & High Availability

linux & Github

jenkins

Docker & kubernetes

Ansible

PROJECTS

Declarative Jenkins CI/CD Pipeline for Django Application

- Implemented an end to end CI/CD pipeline using Jenkins, GitHub, Docker, and AWS EC2 for a Django application.
- Utilized Docker for application containerization and DockerHub for image storage, ensuring environment consistency and easy scalability.
- Configured Jenkins to pull Docker images from DockerHub and deploy to AWS EC2 instances, streamlining the deployment process.
- Configured webhooks to trigger automatic builds and deployments upon GitHub commits, accelerating the development feedback loop.

E-COMMERCE PLATFORM DEPLOYMENT ON AWS & GCP

ROLE: CLOUD ENGINEER

- Designed and deployed a scalable, secure, and cost-effective e-commerce platform using AWS and GCP.
- Utilized Amazon EC2 instances with Elastic Load Balancer (ELB) for high availability and public accessibility.
- Set up Amazon RDS (MySQL/PostgreSQL) for storing user and order data, ensuring secure access from EC2 instances.
- Hosted with the help of Nginx.
- Configured Route 53 for domain management and seamless DNS resolution.
- Enabled Cloud Monitoring and CloudWatch for real-time performance tracking of EC2, RDS, and overall infrastructure.
- Configured alarms to track system health metrics and integrated Amazon SNS for instant notifications on CPU, memory, and storage usage.

EDUCATION

BTECH (COMPUTER SCIENCE)

CGC LANDRAN , Chandigarh

(2020 - 2024)

INTERMEDIATE (CBSE)

ST.pauls.Sr.Sec.School Kota, RAJ

(2020)

MARTICULATION (CBSE)

ST.pauls.Sr.Sec.School Kota, RAJ

(2018)