Excited to share the detailed journey of deploying the Netflix clone, embracing DevOps principles at every step! 🚀💻  
  
Phase 1: Initial Setup and Deployment  
Embarked on the journey with meticulous setup—choosing the right tools and frameworks for a seamless deployment. Configured the environment to lay a robust foundation for the Netflix clone.  
  
Phase 2: Security  
Implemented a comprehensive security strategy, fortifying the application against potential threats. Integrated encryption, authentication, and authorization measures to ensure a secure environment.  
  
Phase 3: CI/CD Setup with Jenkins  
Established a robust CI/CD pipeline using Jenkins. Automated the build, test, and deployment processes for swift and reliable releases. Configured Java and Node.js tools globally for consistent development environments.  
  
Phase 4: Monitoring with Prometheus and Grafana  
Implemented monitoring solutions using Prometheus and Grafana to gain insights into the application's performance. Set up custom dashboards for real-time tracking of key metrics, ensuring optimal functionality.  
  
Phase 5: SonarQube Analysis  
Prioritized code quality with SonarQube analysis. Conducted thorough scans to identify and address code smells, bugs, and security vulnerabilities, maintaining a high standard of code cleanliness.  
  
Phase 6: Kubernetes and ArgoCD  
Leveraged Kubernetes for container orchestration, providing scalability and resilience. Implemented ArgoCD for continuous delivery and automated deployment, ensuring synchronization between code updates and production environments.  
  
Phase 7: Cleanup  
Ensured a streamlined and efficient system by conducting thorough cleanup processes. Removed redundant resources, optimized configurations, and maintained a clutter-free environment for enhanced performance  
  
mentor:- [Nasiullha Chaudhari](https://www.linkedin.com/in/ACoAADBq6VABk5rjMIv7v8K6v4GLP9baer0qee4) and [Shubham Londhe](https://www.linkedin.com/in/ACoAABhZ4kMBt55axHJpEnVRp0UOUl-_JwwmPwk)