

JEEVAN KUMAR KANURU

PROFILE

At **Quixy**, I led the transformation of **.NET application deployments**, achieving **full automation with CI/CD** pipelines using **Bitbucket and Jenkins**, and enhancing efficiency through **Docker containerization** and **Kubernetes orchestration**. My expertise in **Kubernetes, Helm Charts, and SSL certificate management**, coupled with a collaborative approach, significantly improved deployment speed, **system reliability, and security**. I am an innovative DevOps professional, recognized for **productivity and efficiency** in completing projects. I possess strong skills in **algorithm design, system architecture, and code optimization**. I also excel in **problem-solving, communication, and teamwork**, ensuring **successful** collaboration on complex infrastructure and automation projects

EXPERIENCE

DevOps Engineer, 10/2022 - 04/2025

Quixy - Hyderabad, INDIA

- As a DevOps Engineer at Quixy Spearheaded the automation of build and deployment processes for .NET applications, transitioning from manual to fully automated CI/CD pipelines.
- Managed and optimized Docker containerization and Kubernetes orchestration for efficient scaling and deployment of applications
- Set up and maintained Kubernetes clusters, including worker node configuration, ensuring high availability and load balancing across nodes
- Configured and optimized networking in Kubernetes clusters, managing Ingress Controllers for load balancing, traffic routing, and application scalability
- Deployed, monitored, and maintained microservices using Kubernetes, Helm Charts, and ArgoCD
- Implemented SSL certificate generation and auto-renewal mechanisms using tools like Certbot and Kubernetes Ingress, ensuring secure HTTPS connections for all applications
- Configured and maintained version control systems (Git, Bitbucket) and CI/CD tools (Jenkins, Bitbucket Pipelines) to streamline code integration and delivery processes
- Led the integration and management of repository services using Harbour for artifact storage and retrieval
- Implemented monitoring and alerting solutions using Grafana and Prometheus to ensure system reliability and performance



CONTACT

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SKILLS

- **Linux Administration** – Experience with Ubuntu and CentOS for server setup, hardening, and performance tuning
- **Cloud Platforms** – AWS (EC2, S3, IAM, Route 53), Azure (VMs, Azure DevOps, Azure Pipelines)
- **CI/CD Pipelines** – Implemented using Bitbucket Pipelines, Jenkins, GitLab CI/CD, and Azure Pipelines
- **Version Control** – Proficient in Git using Bitbucket, GitHub, and GitLab
- **Docker Containerization** – Building, managing, and deploying Docker images and containers
- **Kubernetes Orchestration** – Managing workloads in Kubernetes clusters, including setup and scaling
- **Helm & Helm Charts** – Helm chart development, templating, and deployment for microservices
- **ArgoCD (GitOps)** – Automated deployments and sync with Git

- Ensured high availability and security of applications by configuring Nginx and Ingress Controllers, managing both internal and external load balancing across services
- Worked closely with development teams to identify and resolve pipeline failures, improving build success rates
- Provided end-to-end automation solutions, from code integration to deployment, improving overall productivity and reducing lead time for production releases
- Key Technologies: Docker, Kubernetes (Admin), Helm Charts, ArgoCD, Jenkins, Bitbucket, Bitbucket Pipelines, Load Balancers, Networking (Ingress Controllers, Service Mesh), SSL Certificates (Certbot, Kubernetes Ingress), Auto-Renewal, Grafana, Prometheus, Nginx, RabbitMQ

DevOps Intern , 04/2022 - 09/2022

Websynergies - Hyderabad , India

- Worked closely with systems analysts, engineers and programmers to understand limitations, develop capabilities and resolve software problems.
- Engaged in the assessment of project risks and proposed mitigation strategies.
- Participated in professional development workshops and training sessions.
- Troubleshooted technical issues related to .NET development.
- Implemented bug fixes in existing software products using debugging tools such as Visual Studio Debugger or GDB.

EDUCATION AND TRAINING

Bachelor of Science, Electrical Engineering, 03/2022

Aditya Institute of Technology & Management - tekkali, Andhra Pradesh, India

CERTIFICATIONS

Microsoft Certified **Azure Fundamentals**

HOBBIES AND INTERESTS

- Learning new technologies
- Playing indoor outdoor games
- Photography

LANGUAGES

- English
- Hindi
- Telugu

repositories

- **Ingress & Load Balancing** – Configured Ingress Controllers and NGINX for traffic routing and load balancing
- **Monitoring & Observability** – Implemented monitoring dashboards using Grafana, Prometheus, and Alertmanager
- **Pipeline Management** – Design and manage pipelines across Bitbucket, GitLab, Jenkins
- **Build Automation** – Automated builds and deployments using Jenkins and GitLab CI
- **DevSecOps Practices** – Integrated security tools in pipelines and managed secret scanning
- **SSL Certificate Management** – automated and manual certificate handling using Certbot, Let's Encrypt, and custom SSL
- **RabbitMQ** – setup, clustering, and managing queues and users
- **Redis** – Installation, integration, and caching strategy implementation
- **Shell Scripting** – Automation of routine tasks, backup scripts, and server monitoring
- **Microservices Deployment** – Containerized .NET microservices, deployed via Helm and ArgoCD
- **Technical Troubleshooting** – Debugging build failures, service crashes, and performance bottlenecks
- **Monitoring Solutions** – End-to-end visibility using Prometheus and Grafana
- **Networking** – VPC setup, subnetting, DNS configurations, and firewalls
- **Team Collaboration** – Worked in Agile teams, collaborated with QA and developers for seamless delivery
- **Project management** – task planning, progress tracking, and reporting using DevOps tools