



Bibin V Joseph

Cloud Architect | DevOps Specialist | Linux | Infrastructure

Profile Highlights

Skills

- Linux
- Amazon Web Services
- Microsoft Azure
- Google Cloud
- Docker
- Kubernetes
- Terraform
- GitLab CICD
- GitHub Actions
- BitBucket Pipelines
- Jenkins
- MySQL
- PostgreSQL
- DataDog
- Prometheus & grafana
- Apache & Nginx
- Jira
- Team Management

Education

Bachelor of Engineering
Electronics and Communication
Vinayaka Missions University
Salem, Tamil Nadu
2013

Contact

Mobile: +91 9037169771
Mail: bibinjoseph@gmail.com
Linkedin:
linkedin.com/in/bibinjoseph
Address: Kunnathukuzhiyil,
Vadackal PO,
Alappuzha, Kerala, India

- Over 10 years of experience in the IT industry, specializing in DevOps, cloud computing, Linux system administration, CI/CD, containerization, and infrastructure automation.
- Experience in designing and deploying scalable, highly available, secure and cost-effective cloud solutions with cloud providers like Amazon Web Services, Microsoft Azure, Google Cloud, Digital ocean, etc based on requirements.
- Expertise in configuring and managing CI/CD pipelines using Jenkins, GitLab CI/CD, GitHub Actions, and Bitbucket Pipelines.
- Proficient in Docker-based containerization for microservices and SOA applications within Agile development environments.
- Strong hands-on experience in source code management, scripting, and automation.
- Skilled in automating, monitoring, and troubleshooting mission-critical infrastructure, including servers, networking, storage, and databases.
- Experience migrating complex multi-tier applications to cloud platforms and implementing disaster recovery solutions.
- Experience collaborating with teams to meet industry compliance standards such as SOC and ISO etc.
- Deep knowledge of Linux administration, including LVM, system security, file systems, and user/group management.
- Solid understanding of networking protocols and services like TCP/IP, UDP, DNS, DHCP, SMTP, and NTP.
- Excellent Experience in Installation, configuration, and Volume/File system management using Logical Volume Manager (LVM) in Linux env.
- Strong Working Knowledge and Understanding of Network Protocols such as TCP/IP and UDP.
- Strong Knowledge and understanding of the configuration of DNS, DHCP, SMTP, NTP, etc.
- Proficient in monitoring, observability, and security using tools like DataDog, Zabbix, Nagios, New Relic, Prometheus, Grafana, and Wazuh for infrastructure monitoring, alerting, and threat detection.
- Proven track record in implementing DevOps culture, tools, and best practices to improve operational efficiency.
- Adept at providing end-to-end IT solutions tailored to organizational requirements and ensuring secure, up-to-date environments.
- Experience collaborating with teams to meet industry compliance standards such as SOC and ISO.
- Strong problem-solving and debugging skills, with the ability to multitask and manage teams effectively.
- Excellent communication and client engagement skills, focusing on delivering value-driven solutions and customer satisfaction.

Experience

○ Lead DevOps Engineer

Bridge-Global Software Solutions

July 2022-Present

- Architect and implement scalable, secure, and cost-effective cloud solutions across AWS, Azure, GCP, and DigitalOcean, tailored to business and project needs.
- Lead the design, automation, monitoring, and optimization of cloud and on-premises infrastructure, ensuring performance, reliability, and cost-efficiency.
- Implement DevOps practices across teams and environments, driving process automation, infrastructure as code, and operational efficiency.
- Build and manage robust CI/CD pipelines using Jenkins, GitLab CI/CD, GitHub Actions, and Bitbucket Pipelines for seamless code integration and delivery.
- Deploy and manage diverse application stacks (Python-Django, PHP, Java, React, NodeJS) and environments for development, testing, and production.
- Ensure system observability and performance monitoring using tools like DataDog, Zabbix, Prometheus, Grafana, New Relic, and Wazuh.
- Oversee IT infrastructure security and compliance, enforcing industry best practices in system hardening, patching, access control, and vulnerability management.
- Provide end-to-end IT leadership, supporting internal systems, resolving technical challenges, and driving modernization initiatives across departments.
- Lead and mentor a team of system engineers, fostering collaboration and ensuring alignment with company-wide DevOps and infrastructure strategies.
- Support compliance efforts for SOC and ISO standards, collaborating with stakeholders during audits and maintaining critical infrastructure documentation.

○ DevOps Engineer

HiFX IT And Media Services

June 2020 - July 2022

- Managed and maintained end-to-end AWS infrastructure, covering compute, networking, storage, databases, and identity services.
- Designed and optimized CI/CD pipelines using GitLab CI and Jenkins for efficient code integration, testing, and deployment workflows.
- Maintained high availability and performance across production, QA, and staging environments, ensuring business continuity.
- Configured and deployed environments for applications built with Python-Django, PHP, Java, React, and NodeJS across various stages of development.
- Monitored system health and performance through daily system checks, ensuring integrity and availability of all hardware and software resources.
- Implemented clustering and shared storage solutions to establish scalable, private infrastructure tailored to project requirements.
- Collaborated with DevOps teams and developers to architect, test, and implement innovative infrastructure solutions.
- Set up and managed containerized environments using Docker, including multi-stage Dockerfiles and Docker Compose for development, staging, and production.
- Deployed and maintained monitoring tools such as DataDog and Zabbix to track infrastructure performance and proactively resolve issues.
- Provided on-call production support, quickly responding to incidents and ensuring minimal downtime.

○ DevOps Engineer

Theory-Y Technologies Pvt Ltd

July 2015 - June 2020

- Designed and deployed scalable, secure, and highly available infrastructure solutions on Microsoft Azure, adhering to architectural best practices.
- Performed comprehensive Linux system administration including implementation, support, and maintenance in production environments.
- Automated and monitored cloud infrastructure and internal systems, ensuring performance optimization, reliability, and minimal downtime.
- Configured, deployed, and migrated Python-Django and Java-based applications across multiple environments.
- Enforced system infrastructure security through robust server policies, applying industry standards and Azure security best practices.
- Managed version control using SVN and Git in Linux environments, supporting collaboration and streamlined development workflows.
- Implemented and tested backup and disaster recovery strategies to safeguard critical infrastructure and data.
- Developed and optimized Bash shell scripts for automation and system maintenance.
- Led IT security measures, including SSL implementation, encryption protocols, firewalls, VPN configuration, and access control.
- Built and maintained development and testing environments, supporting developers with troubleshooting and debugging.
- Worked with various storage solutions such as SAN, NAS, and Object Storage to support dynamic project needs.
- Collaborated with cross-functional teams—Network Engineers, Storage Admins, Developers, Testers, and DBAs—to deliver integrated infrastructure solutions.
- Conducted research and evaluation of new tools and technologies, contributing to continuous improvement and innovation.