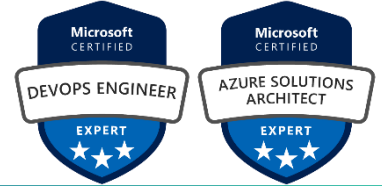


Balakrishna Teeda



Senior Devops Engineer

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SUMMARY

Seasoned DevOps engineer with 7+ years of experience in Banking, Insurance and Supply chain domain applications. Proficient in software development, armed with a computer science degree and Azure, AWS, Kubernetes certifications known for ensuring reliability, scalability, security, cost optimization, and enhancing overall system performance.

Key Accomplishments:

- **CI/CD Efficiency:** Led the implementation of robust CI/CD pipelines, reducing software release times by 40% and minimizing manual errors by 60%, resulting in a 30% reduction in deployment time.
- **Architect of Efficiency:** Orchestrated the seamless migration of on-premise infrastructure to the cloud, leveraging Kubernetes-based IaC with Terraform, reducing deployment times by 50% and lowering infrastructure costs by 20%.
- **Cost Optimization:** Optimized cloud infrastructure, achieving a 25% reduction in monthly expenses, equivalent to an annual savings of \$180,000.
- **Guardian of Security:** Strengthened security protocols, leading to a remarkable 95% reduction in vulnerabilities and maintaining a perfect record of zero data breaches.
- **Uptime Excellence:** Maintained an impressive 99.99% system uptime, crucial for business continuity and seamless access to applications and services.
- **Innovative Solutions:** Spearheaded research and prototyped innovative solutions, providing senior management with system recommendations that consistently met with 100% satisfaction.

TECHNICAL SKILLS

- **Cloud Platforms:** Azure, AWS.
- **Programming Languages:** Python, Shell Script, PowerShell, Nodejs, Java.
- **CI/CD:** Azure DevOps, Gitlab, GitHub, Jenkins.
- **Infrastructure as Code:** Terraform, Azure Arm, AWS Cloud formation
- **Containerization & Orchestration:** Docker, Kubernetes.
- **Management & Collaboration Tools:** Azure Devops, Jira, ServiceNow
- **Monitoring & Analytics:** Prometheus, Grafana, Azure monitoring, AWS Cloud Watch
- **Web Servers:** Nginx, Apache Tomcat, Microsoft IIS.
- **Databases:** Mongo DB, SQL Server.
- **Operating Systems:** Linux, Windows, Mac.

PROFESSIONAL EXPERIENCE

Senior Kubernetes Engineer
Value Labs

Jul'22-Aug'23
Remote, IN

Environment: Azure, Terraform, Git, Azure Repos, Azure Boards, Azure Pipelines, Docker, Kubernetes, Ansible, PowerShell, Bash, Linux, Windows, IIS, and Confluence.

- **Performance Optimization:** Orchestrated container apps, achieving a 28% performance boost and 30% cost savings by migrating to AKS.
- **Kubernetes :** Configure and maintain private AKS clusters, Nginx ingress controllers using helm charts
- **Efficient Architecture:** Revamped architecture, optimizing naming conventions, and enhancing pipeline performance.
- **Security and Reliability:** Strengthened data security and implemented a robust failover system for enhanced system reliability.
- **Documentation:** Maintained comprehensive infrastructure documentation for knowledge sharing and process clarity.

Platform Engineer
Intellect EU

April'22-'July22
Remote, EU

Environment: Azure, Terraform, Git, Azure Repos, Azure Boards, Azure Pipelines, Docker, Kubernetes, Ansible, PowerShell, Bash, Linux, Windows, IIS, and Confluence.

- **Single Sign-on:** Configured key cloak for users to sign in to the application
- **Efficient Infrastructure:** Introduced and Kubernetes best practice such as Resource Limits and Requests limits.
- **Vulnerability Fix:** Review the security of container images and take action to fix issues all using docker scan tool
- Identified the cross-team differences, lead a positive collaboration and resolved issues.
- Zero Trust Architecture, Identity and Access Management (IAM), Network Security, Azure AD Conditional Access Policies

Devops Engineer
Autoscheduler.AI

Sept'20 – Apr'22
Remote, US

Environment: Azure, Terraform, Git, Azure Repos, Azure Boards, Azure Pipelines, Docker, Kubernetes, PowerShell, Bash, Python, Linux, Windows, mbt, AKS, Application Gateway, Azure AD Key vault, ACR, ARM Templates, Vnet, Storage Accounts, SQL, Express Route.

- **CI/CD Leadership:** Implemented robust CI/CD pipelines, from scratch reducing release times by 40%, minimizing errors by 60%, and cutting deployment time by 30%.
- **Efficient Infrastructure:** Introduced Kubernetes-based IaC practices, reducing infrastructure deployment times by 50% and saving 20% in infrastructure costs.
- **Cost Optimization:** Optimized cloud infrastructure, lowering monthly expenses by 25% for an annual savings.
- **Containerization:** Containerized the all of the microservices using Docker
- **Security:** Implemented Site-to-Site VPN and Point-to-Site VPN for secure connection
- **Database Migration:** Migrated the On-prem database to Azure SQL Databases without losing the data
- **Automation:** Automated bash scripts written for build the docker images stored images on Azure Container Registry and deployed on Azure Kubernetes cluster.
- **Open Source:** Configured the mbt opensource build tool for monorepo.
- **Documentation:** Create and maintain wiki and markdown documentation

Cloud Engineer
Adventum Technology

Apr'20 – Sept'20
Remote, IN

Environment: Azure, Terraform, Git, Azure Repos, Azure Boards, ADO (Azure Pipelines), Docker, Kubernetes, Ansible, PowerShell, Bash, Linux.

- Lead design and implementation of AWS Cloud Solutions including infrastructure data and application services.
- Reviewed existing infrastructure and made recommendations for improvements.
- Containerized the applications using docker and deployed on AWS EC2 instances
- Written AWS CloudFormation templates in yaml format to provision the AWS services such as VPC, EC2, S3, Document DB and many more
- Enhanced web apps for stability, performance, security, and defect tracking.
- Source code reviewing, integration, and promoting team changes to the targeted environment.
- Supported project deadlines and contributed to technical documentation.
- Implemented security policies and controls aligned with ISO/IEC 27001 to ensure compliance and strengthen the organization's information security management system (ISMS)

Devops Engineer
Pogeyan Technologies PVT Ltd

Jul'17 – Apr'20
Bangalore, IN

Environment: Azure, Terraform, Git, Azure Repos, Azure Boards, Azure Pipelines, Docker, Kubernetes, Ansible, PowerShell, Bash, Linux, Terraform.

- Managed cloud environments in accordance with company security guidelines.
- Created and maintained the AWS EKS cluster for production deployments

- Created a Dev-Cluster for the deployment environment on bare nodes via kubeadm for cost cutting.
- Managed user accounts with proper privileges using AWS IAM.
- Experience working with IAM in order to create new accounts, roles and groups
- Migrates Kubernetes to k-native workloads
- Perform daily back up using bash script with cron job
- Managed requirements gathering, documentation, and application development.
- Implemented build script for building and packaging the application using gulp tasks.
- Oversaw source control, prepared unit test cases, managed SIT and UAT deployments, and resolved user-logged issues.
- Led the production deployment and provided ongoing application support.
- Collaborated with cross-functional teams to ensure long-term compatibility.
- Import existing Azure infrastructure into Terraform and design and automate provisioning of new infrastructure solutions
- Experienced in Kubernetes service mesh.
- Proficient in Release Management, streamlining software deployment processes to achieve efficient and reliable delivery outcomes.

EDUCATION

Bachelor of Technology in Computer Science and Engineering, Andhra University, India
Masters in Computers Science, Boston, United States of America

CERTIFICATIONS

- **CKA & CKAD:** Certified Kubernetes Administrator and Application Developer.
 - **Azure Solutions Architect & DevOps Engineer Expert:** Microsoft Certified.
 - **AWS Solutions Architect Associate:** Amazon Certified
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