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PROFESSIONAL SUMMARY

Over 4 Years of IT experience as a **DevOps Engineer** with expertise in areas of **Cloud Computing**, **Docker**, **Kubernetes**, **Software Configuration Management**, **Jira**, **Version Control**, **DevOps/Build and Release Management**, **Splunk**, and **Linux System Administration**. Experienced in branching, tagging, and maintaining the version across environments using SCM tools like **GIT**, **Subversion (SVN)** on **Linux** and **Windows** platforms.

HIGHLIGHTS

- Skilled **Cloud-DevOps Engineer** with around 4 years of hands-on experience supporting, automating, and optimizing mission-critical deployments in **AWS**, **Azure**, **Azure DevOps**, **GCP**, **VMware**, **Docker**, and **Kubernetes**, leveraging configuration management, CI/CD, and DevOps processes
- Actively manage, improve, and monitor cloud infrastructure on **AWS**, including **EC2**, **S3**, and **RDS**, along with backups, patching, and scaling
- Hands-on expertise in **AKS**, **EKS**, and **GKE** clusters, and on-premise **Kubernetes** deployed on **VMware**
- Built and deployed **Docker containers**, **Kubernetes**, and **EKS** to break up monolithic applications into microservices, enhancing scalability and speed
- Installed and configured **Nagios** to monitor network bandwidth, memory usage, and disk health
- Managed **GitHub** repositories and permissions, including branching and tagging
- Strong working experience with AWS services such as **IAM**, **VPC**, **EC2**, **ECS**, **EBS**, **RDS**, **S3**, **Lambda**, **ELB**, **Auto Scaling**, **Route 53**, **CloudFront**, **CloudWatch**, **CloudTrail**, **SQS**, and **SNS**
- Automated infrastructure provisioning using **AWS CloudFormation** templates (VPCs, Subnets, NAT, EC2, ELB, and Security Groups)
- Proficient with DevOps tools like **Ansible**, **Docker**, **Kubernetes**, **SVN**, **GIT**, **Hudson**, **Jenkins**, **Ant**, **Maven**
- Migrated **VMware VMs to AWS** and managed services such as **EC2**, **S3**, **Route 53**, **ELB**, and **EBS**
- Implemented Infrastructure as Code (IaC) using Terraform for automated resource provisioning .

TECHNICAL SKILLS SUMMARY

Cloud Platforms: AWS, GCP, Azure
CI/CD & Build Tools: Jenkins, azure DevOps, Github Actions
Containerization & Orchestration: Docker, Kubernetes, Helm
Monitoring Tools: Prometheus, Splunk,grafana
Infrastructure as Code: Terraform
Version Control: Git, GitHub, SVN
OS Platforms: Windows XP, Windows 7, Red Hat 6, Ubuntu
Scripting & Automation: Python
Server Management: DNS, DHCP, Active Directory
Application Servers: Tomcat, WebLogic, WebSphere

WORK EXPERIENCE

DevOps Engineer
Capgemini, Bangalore — *Jan 2024 to Present*

System Engineer
Robert Bosch, Bangalore — *Aug 2021 to Jan 2024*

EDUCATIONAL DETAILS

Qualification	Year	Institution	University	Percentage
B. Com (Computer Applications)	2021	Rayalaseema University	Rayalaseema University	60%
XII (MPC)	2016	Bala Junior College	Board of Intermediate, AP	75%
SSC	2014	Nehru High School	BSE AP	8.7 GPA

CERTIFICATIONS

- **Microsoft Certified: Azure Administrator Associate (AZ-104)**
- **Microsoft Certified: Azure DevOps Engineer Expert (AZ-400)**

PROJECTS:

Project Title: Barclays

Project in Capgemini:

Client: Barclays

API and Microservices Integration

Capgemini's expertise in hybrid cloud integration, often using its **Barclays iPaaS (Integration Platform as a Service)** or custom solutions, enables seamless data flow between Barclays' on-premises systems and cloud applications. This ensures real-time access to customer data for services like mobile banking or fraud detection.
Capgemini supports Barclays' open banking initiatives by developing and managing **APIs** in the cloud, enabling secure data sharing with third-party providers (e.g., fintechs) under regulations like **PSD2**.

DevOps & Cloud Engineer – Roles & Responsibilities

- **CI/CD & Build Management:**
  Managed end-to-end build and deployment processes using Jenkins, Azure DevOps, Maven, Ant, and shell scripts. Automated CI/CD pipelines across AWS, Azure, and GCP, integrating tools like SonarQube, Nexus, and Git for source control and artifact management.

- **Cloud Infrastructure (AWS, Azure, GCP):**
  Designed and deployed infrastructure using AWS services like EC2, VPC, S3, IAM, RDS, ELB, CloudFormation, ECS, Lambda, and CloudWatch. Built custom VPCs, subnets, NATs, and security groups. Used Azure services like VM Scale Sets, Load Balancers, Route 53, and backups. Maintained IaC using Terraform and ARM templates.

- **Containerization & Orchestration:**
  Built and deployed Docker containers and images (custom & hub). Managed containerized microservices using Kubernetes and Docker Swarm. Configured pods, deployments, config maps, and networking for scalability and availability. Integrated Kubernetes with storage, load balancing, and security.

- **Monitoring & Logging:**
  Implemented centralized monitoring and log analysis using Splunk, integrating with cloud services and custom scripts to ensure real-time visibility and alerting.

- **Database & Migration:**
  Administered SQL, MySQL, and Oracle databases; automated data migration using SSIS, DMS, and BCP. Streamlined backup and restore for Windows/Linux systems using NetBackup and Azure services.

- **Security & Networking:**
  Created IAM roles/policies, managed DNS via Route 53, handled AD/LDAP integration, and ensured secure traffic routing across cloud platforms. Conducted vulnerability assessments and implemented ITIL-based incident response.

- **Development & Scripting:**
  Wrote scripts in Python, Shell, and PowerShell for automation, SCM operations, and web development. Developed web apps using ASP.NET, C#, JavaScript, and AJAX.

- **Collaboration & Process Improvement:**
  Worked across cross-functional teams (dev, QA, ops) to streamline deployments. Improved release cycles and system reliability through DevOps best practices and continuous improvement.

Project Customer: Johnson & Johnson
Role: DevOps Engineer
Environment: Jira, Confluence, Git, AWS, Jenkins, Splunk, Smartsheet, Linux, IAM, Azure, DevOps, EKS, AKS, ScriptRunner for Jira

Description:
Johnson & Johnson is an American multinational medical device, pharmaceutical and consumer packaged goods manufacturer founded in 1886. Johnson & Johnson is headquartered in New Brunswick, New Jersey, the consumer division being located in Skillman, New Jersey. The corporation includes some 250 subsidiary companies with operations in 60 countries and products sold in over 175 countries.

DevOps, Cloud, and Automation – Key Responsibilities (One-liners)

- Managed EKS clusters using Terraform, AWS CLI, kubectl, and eksctl.
- Built Kubernetes operators for integrations like OAuth, secrets, and legacy systems.
- Created CI/CD-integrated release workflows using Helm and Kubernetes for multiple environments.
- Deployed and monitored containerized applications on AWS and Azure Kubernetes clusters.
- Built multi-stage Dockerfiles and deployed Dockerized services for Go, Node.js, and Python apps.
- Worked with Docker Compose, Docker Swarm, Docker Hub, ECR, ECS, and EKS.
- Designed scalable AWS solutions using EC2, S3, VPC, RDS, CloudFormation, Lambda, and CloudWatch.
- Automated infrastructure provisioning using Terraform, CloudFormation, and Stack Policies.
- Migrated legacy workloads to AWS and designed hybrid cloud environments with AWS, Azure, and vSphere.
- Developed AWS Lambda functions triggered by S3, SNS, and API Gateway events.
- Managed IAM roles, Auto Scaling, ElastiCache, DynamoDB, CloudFront, and Route 53.
- Enforced least-privilege IAM policies and cross-account access control.
- Built and maintained Azure DevOps CI/CD pipelines for AKS and VM deployments.
- Configured version control using Git with branching, tagging, and merging strategies.
- Automated IIS deployments using PowerShell and managed nightly builds and releases via Azure DevOps.
- Authored ARM templates and deployed infrastructure on Azure using pipelines.
- Managed Linux servers (Ubuntu, CentOS, SUSE) in cloud and on-prem environments.
- Performed system patching, cron job scheduling, user/group and service configuration.
- Configured Apache, Tomcat, mounted NFS, managed LVM, and tuned system performance.
- Wrote Bash and Python scripts to automate server provisioning, monitoring, and maintenance.
- Migrated on-prem applications to EKS and AKS, integrating them into cloud-native environments.

Linux Roles:

- Installed and maintained Windows and Linux-based systems in client environments.
- Enabled and verified cron jobs as part of post-deployment or performance testing activities.
- Checked system memory and swap usage using free -m, and monitored CPU load with top and uptime.

- Investigated and resolved server load issues including high CPU, stuck queries, and mail queue spikes.
- Set up DNS entries and virtual hosts (VHOST) to make hosted websites functional.
- Evaluated and integrated new OS versions, kernel updates, drivers, and hardware based on trends.