

ManikantaRaju

AWS & DevOps Engineer

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PROFESSIONAL SUMMARY

- DevOps Engineer with **4 years** of expertise in **automating, deploying, and managing cloud infrastructure** using **AWS, Jenkins, Docker, Kubernetes**, and **Terraform**.
- Strong **troubleshooting** and **optimization** skills for **CI/CD pipelines, Infrastructure as Code (IaC)**, and **Linux** systems.
- Proven ability to collaborate with cross-functional teams and **communicate complex technical concepts** effectively.
- Independent work method, high commitment to delivery and self responsibility & ownership. Eager to learn new technology & contribute as DevOps Engineer for organizational needs.

WORK EXPERIENCE

Senior IT Administrator, DotMappers IT Pvt. Ltd. 04/2019 – Present | Bangalore, India

- Working as a DevOps Engineer for a team that involved different development.
- Maintained the code using **Source code Management tools** like **Git & GitHub**.
- Worked on implementing AWS using **EC2, S3, RDS, ECS, Elastic Load Balancer, Auto Scaling groups**.
- Configured and managed **security groups and VPC** with **ELBs**.
- Writing shell scripts to make daily tasks as automate with **Creating CI/CD pipelines** by integrating **GitHub, Maven, Jenkins**.
- Used **Ansible** as a configure management tool.
- Worked on container orchestration tools like **Kubernetes**, with **Docker** files & running **containers**.
- Engaged collaboratively with team members to fulfill project goals and comply with deadlines.

System Administrator, Prognosys Medical Systems Pvt. Ltd. 07/2018 – 04/2019 | Bangalore, India

- Handled In-house Server with centralized support, Setup Network printer to all office systems.
- Install, Configure applications (like Windows, Radiology related Apps, Anti-Virus (with periodical updates).
- G-suite Mail configure through different mail client application (for Individuals & also with Department ID).
- NAS Box installation, configured, & maintained weekly basis backup process.
- Configured VOIP & Toll free services to Hardphone & softphone.

Senior System Administrator cum HOD of ITT, ICAI- Bangalore 05/2014 – 02/2018 | Bangalore, India

- Handled in-house Server with handling Branches issues remotely.
- Monitor - Installing, Configuring & Maintenance of OS, Applications, and Anti-Virus (periodically).
- Organized Hosting / Webcasting / Upload Videos of Conference/ Seminars/ Teleconference Meet/ Podcasts.
- Handled issues of Student registration / Cloud campus portal issues (like course registration & result oriented).
- ITT Batches - Schedules/ Internal & External Faculties allocation/ Conduct tests & exams/ Batch & Certificate Report update online & offline. Taught ITT courses for CA students (on emergency & demands)
- Complete Bangalore Branch Website Maintained (like events update, alerts, notifications).

System Administrator, The Photo Store 04/2013 – 04/2014 | Bangalore, India

- Handled complete IT infrastructure like, Install, Configure, Troubleshoot, Maintainance, Update of OS, Adobe applications, Anti-Virus in **Windows on MAC Desktops**.
- Configured In-house FTP server for outstation customers for Photos & Albums printing.
- Provided supports to end users & handled security for devices (like Desktop, Laptop, Printers, Software etc.)

System Administrator cum Faculty, ICAI-Bangalore 08/2012 – 04/2013 | Bangalore, India

- Install, Configure & Maintenance of OS, Applications, and Anti-Virus (periodically).
- Handled issues of Student registration/ Cloud campus portal issues (like course registration & result oriented).
- Taught ITT courses for CA Students/ Conducted tests & exams/ prepared consolidated Batch Report .
- Maintained Branch Website (like update events, notifications, Live events telecasts & upload after the sessions).
- Handled webcasting of workshops/ seminars/ Conferences.
- Handled around 300+ user systems of Windows.

Senior Technical Executive (South India In-charge),

03/2009 – 08/2012 | Mumbai, India

Karizma (A Division of Monarch Innovative Technologies Pvt. Ltd.,)

- Provided application support to customers (like install & activation) for inhouse photo designing Software.
- Provided software training to the dealers, their staffs & customers.
- Provided solutions for client request/ approach & productivity Increase.

Junior Technical Engineer,

02/2008 – 02/2009 | Bangalore, India

Soaring Stocks & Commodities (India) Pvt. Ltd.

- Handled installation / Administration of Linux Server.
- Troubleshoot system & network issues of dealers & customers.
- Supported to Install & configure the commodities relevant Software in office & client place (onsite & remotely).
- Maintained the network speed for real-time order process & monitored band-width for smooth operation.

Asst. System Engineer cum Graphic Designer, Photo Emporium

10/2005 – 06/2008 | Bangalore, India

- Worked as Asst. Hardware & Network Engineer by Providing technical & Software training to new staffs.
- Also worked as Photo & Graphics designer.
- Handled Customers technical issues to upload photos from their smart device.

SKILLS

Cloud Platforms: AWS (EC2, S3, VPC, Route 53, RDS, IAM, CloudWatch, Auto Scaling, ALB)**CI/CD Tools:** Jenkins, AWS Code Pipeline, GitHub**Infrastructure as Code:** Terraform, Ansible**Containerization & Orchestration:** Docker, Kubernetes**Scripting:** Bash (Basic)**Source Control:** Git, GitHub**Monitoring & Logging:** Prometheus, Grafana, CloudWatch**Operating Systems:** Linux, Windows, Mac**PROJECTS**

Cloud-Enabled Web Infrastructure Deployment, EC2, S3, EFS, VPC, RDS, ALB, ASG, Route 53, CloudFront

- Built scalable and highly available web infrastructure on AWS using EC2, S3, EFS, and RDS with Read Replica.
- Configured NGINX on EC2 instances, integrated Route 53 for domain routing, and used ALB/ASG with CloudFront for Load Balancing and content delivery.
- Implemented IAM roles and security groups for secure access control across services.
- Enabled automated backups and monitoring using CloudWatch and SNS for alerting and logs.

Automated Infrastructure Deployment with Terraform and AWS, Terraform, EC2, S3, VPC, RDS, Jenkins, GitHub

- Developed Terraform scripts for provisioning cloud resources, enabling Infrastructure as Code (IaC) practices.
- Automated infrastructure deployments using Jenkins pipelines, reducing manual effort by 0%.
- Ensured security best practices by configuring IAM roles and policies.
- Enhanced scalability and reliability using AWS auto-scaling and load balancing features.

CERTIFICATIONS

AWS Solutions Architect Certification & Devops, MicroDegree

A+, N+ Certification, JetKing - Rajajinagar, Bengaluru

DTP & Graphic Designer Certification, CTCUP, Bengaluru

EDUCATION

MCA, IGNOU**BCA, IGNOU**