Hemanth Vadde *DevOps Engineer*

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🏠 Profile

Highly motivated and detail-oriented DevOps Engineer with a passion for automation and improving system performance. Skilled in implementing CI/CD pipelines, automating system administration tasks, and collaborating with cross-functional teams to identify and resolve issues.

💼 Professional Experience

Accenture Solutions Pvt.Ltd   03/2022 – 04/2023 | Hyderabad, India
Firmware & Embedded Engg Associate (DevOps Engineer)

- Designed and implemented CI/CD pipelines using Azure DevOps, ensuring automated and reliable deployment processes for multiple projects.
- Collaborated with development teams to integrate code repositories with version control systems (Git) for efficient code management and collaboration.
- Managed and optimized Azure resources including virtual machines, databases, and storage accounts to ensure high availability and cost-effectiveness.
- Implemented Infrastructure as Code (IaC) using Azure Resource Manager (ARM) templates and Terraform, reducing deployment time by 30%.
- Automated routine tasks and workflows using PowerShell and Azure CLI, resulting in a 20% increase in team productivity.
- Conducted regular security assessments and implemented security best practices to protect Azure resources from potential threats.
- Collaborated with cross-functional teams to troubleshoot and resolve infrastructure and deployment issues, ensuring seamless project delivery.

🧩 Technical Sklls

- Continuous Integration & Continuous Delivery (CI/CD) Azure DevOps
- Infrastructure as Code (IaC) (Terraform)
- Cloud Computing Platforms (AWS, Azure)
- Containerization (Docker, Kubernetes)
- Version Control Systems (Git,GitBash)
- Scripting Languages (Bash,Shell)
- Networking Fundamentals (TCP/IP)

🧩 Strengths

- Collaboration and Teamwork
- Problem Solving and Troubleshooting
- Continuous Learning and Improvement
- Time Management and Prioritization
- Attention to Detail and Accuracy

📁 Projects

IDMS

As a DevOps engineer, I worked on application deployment, CI/CD (continuous integration and continuous deployment) pipelines and infrastructure automation tools like Git, Azure DevOps, SonarQube, Kubernetes.

Roles and Responsibilities :

- Setting up CI/CD pipelines for.net based applications for Backend and Node Js applications for Front end.
- Performing deployment activities according to the latest updates from the Application and UI teams.
- Creating new Infrastructure based on requirement for application team
- Security tools installation and setup in Virtual machines
- Managing deployment activities in multiple environments
- Updating app config values through pipeline automation
- Supporting testing team to update app configs through azure pipelines while they need to perform testing activities in Simulators.
- Responsible for managing Infrastructure for app services and storage accounts
- Supporting for fixing security issues in virtual machines
- Analyzing deployment logs and troubleshooting the changes
- Knowledge about Azure cloud services like compute, network, storage, and identity and access management.
- Good knowledge on creating Infrastructure for Azure Resources and Azure Build & Release pipelines.
- Knowledgeable about source code management and distributed version control systems.
- Excellent ability to coordinate the build and release with the team on appropriate schedules.
- Knowledge about Azure cloud services like compute, network, storage, and identity and access management.

🎓 Education

Master Of Computer Applications (MCA)   2019 – 2021
Sri Vani Institute of Management and Sciences   Anantapur, Andhra Pradesh, India

Bachelor of Computer Science (BSC)   2016 – 2019
Sri Venkateshwara degree & Pg college   Anantapur, Andhra Pradesh, India

📑 Certifications

- Azure Administrator Certification by LevelUp Trainings

- Linux Tutorial Certification by Great Learning Academy 🔗

- Learn GITHUB to become DevOps Engineer by Edyoda 🔗

🌐 Languages

- English

- Hindi

- Telugu