THANGEDUPALLI BRAHMAIAH

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WEBSITES, PROTOFOLIOS PROFILES

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PROFESSIONAL SUMMARY

Aspiring DevOps Engineer with specialized training in **Azure, AWS, DevOps Tools and Azure DevOps** complemented by hands-on experience in developing robust, automated solutions. Skilled in cloud computing, **CI/CD**, and infrastructure as code (IaC) with a strong focus on efficiency and problem-solving. Experienced in deploying scalable applications through projects such as "**Roboshop on Web**," utilizing **Linux, Shell Scripting, Jenkins, Ansible, and Terraform** for IaC across AWS and Azure. Proficient in containerization with **Docker and Kubernetes**, and familiar with monitoring tools for optimized system performance. Knowledgeable in **Python, HTML, and MySQL**, with additional project work in these technologies. Eager to apply my foundational DevOps skills in a professional environment and contribute to team success through innovation and continuous learning.

SKILLS

Orchestration Tool: Kubernetes

Containerization Platform: Docker

Configuration Management Tools: Ansible

IAAS: Terraform

Scripting: Shell and Python

Operating Systems: Linux and Windows

SCM: Git Hub

CI/CD: Jenkins and Azure DevOps

Application Server and Build Tools: Tomcat, Maven

Data Base: My SQL

Programming Languages: Python Programming

Security: Azure Key Vault, Identity and Access Management (IAM), Service Principal, Security Groups

Project Management: Azure Monitor, Log Analytics Workspace, Application Insights, Azure Security Center

Cloud Computing:

- AWS: AWS EC2, Route53, S3, DNS, ELB, EBS, AMI, VPC, Sage Maker, CloudFormation, Service Catalog

- Azure : Virtual Machines (VMs), App Services, Storage Accounts, Networking (V Net), Key Vault, Service Principal, Azure Active Direct

INTERNSHIP EXPERIENCE

DXC -Technologies - Intern   05/23-06/23

Gained hands-on experience in web development using **HTML**, building and optimizing web pages.
Developed scripts and automated tasks using **Python** to enhance project efficiency.
Practiced programming fundamentals in **C**, focusing on problem-solving and code optimization.
Acquired knowledge in **Database Management Systems (DBMS)**, working on database design, queries, and management.

Explored **AWS Cloud** services, learning about core cloud concepts, including EC2, S3, DNS, ELB, EBS, AMI, VPC, Sage Maker, CloudFormation, Service Catalog, and RDS for cloud computing and storage solutions.

PROJECT SUMMARY

Project Title: Ekart (E-shop on Web) - CI/CD Pipeline using Azure DevOps

Tools and Technology Used: Azure DevOps, Azure Web Apps, Azure Repos, Azure Pipelines, Git, Unit Testing Frameworks

- Configured a CI/CD pipeline using Azure DevOps to automate the build, test, and deployment processes for the Ekart application.
- Managed source code in Azure Repos, ensuring version control and team collaboration.
- Integrated unit tests within the pipeline to automatically validate code quality during the build process.
- Deployed the application to Azure Web Apps across Development, QA, and Production environments using Azure Pipelines.
- Monitored pipeline execution and deployment success, implementing feedback loops for continuous improvement.

EDUCATION

- B. Tech in Computer Science & Engineering (Mechanical Engineering) (2019- 2023) from PACE Institute of Technology & Sciences, Ongole with an aggregate of 8.63 CGPA

CERTIFICATIONS

- Got a first place in national tech fest in Quiz at Pace institute of technology and sciences
- Got second prize in national level tech fest in paper presentation at Rise institute of technology and sciences
- Internship Certificate on CATIA, certificate for internship on CATIA organized by APSSDC
- Got Second place in Spark Club, Certificate for participation in Spark club organized by AICTE