

Shanmukh Chowdary Morampudi

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SUMMARY

Highly motivated and skilled DevOps enthusiast with a strong background in AWS, Docker, Kubernetes, and Python. Committed to further developing my expertise in the DevOps field, I seek opportunities to leverage my hands-on experience and unwavering dedication to achieve success.

EDUCATION

Master's in Computer Science

University of florida • Gainesville • current GPA: 3.83/4

Bachelor of Technology, Computer Science

Bennett University • Greater Noida • 2023 • CGPA: 3.58/4

WORK EXPERIENCE & TRAININGS

Associate Software Engineer

Osmosys Software Solutions

July 2022 - December 2022, Hyderabad, India

- Developed scalable Web APIs using C# .NET, incorporating business logic to deliver efficient and reliable solutions for a complex project.
- Optimized data retrieval and manipulation in SQL database using Stored Procedures, resulting in improved system performance.
- Worked on Azure tasks to ETL data from the sFTP server to Azure SQL database using Azure Data Factory.
- Written Azure functions in c# language to decrypt the PGP encrypted files in Azure Blob storage.
- Built web applications using HTML, CSS, and JS.
- Completed the assigned tasks on time and as per the requirement.

Cloud Engineer Intern

Mactores

March 2022 -July 2022

- During this internship I gained hands-on experience with AWS resources.
- Learned AWS concepts and did AWS certifications and accreditation.

SKILLS

AWS, Docker, Kubernetes, Azure, SQL, DOT NET, Git, Python, C++, HTML, CSS, React JS

PROJECTS

PacknDeploy

- PacknDeploy is an automated CI-CD pipeline to deploy a web application.
- Everything is automated from Dockerizing the application, pushing the image to Docker Registry like AWS ECR, and deploying it to Elastic Beanstalk using AWS CodeBuild, CodeDeploy, and CodePipeline.
- Written the YAML configuration to dockerize the application and push the Image to Docker Registry.

Push2deploy

- Created CI-CD pipeline using Jenkins server to continuously deploy application version changes from GitHub to the production environment.
- Integrated AWS CodeBuild plugin and CodeDeploy plugin to Jenkins and also utilized HTTP Request plugin and File Operation plugin.
- Used cloud formation to deploy all the necessary resources like EC2 instance running with Jenkins, AWS CodeBuild, CodeDeploy, S3 to store artifacts, Auto Scaling group, etc.

GatorHive

- GatorHive is a web application designed to help University of Florida (UF) students find all college events in one place.
- This platform allows organizations to host and promote their events by creating an account and submitting their event details on our website.
- This web application was developed using React JS and CSS for the front-end and Node JS for the back-end. We used AWS MySQL for the database to store event details and S3 to store images related to the events.

CERTIFICATIONS

AWS certified: DevOps Engineer Professional, Solutions Architect Professional (SAP-C01), Solutions Architect Associate

Microsoft: Azure Administrator Associate (AZ-104), Azure Fundamentals (AZ-900)

HackerRank: Problem Solving (Intermediate) Certificate, Python Certificate

LEADERSHIP ACHIEVEMENTS

Served as Chairperson of Bennett Cloud Computing Club (BC3) during undergraduate studies.