Shanmukh Chowdary Morampudi

United States · shanmukh.morampu@ufl.edu · +1(352)871-5871 · linkedin.com/in/shanmukhchowdary147 · shanmukhchowdary147.github.io

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 Enginner
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**
· Had the privilege of acquiring practical experience with AWS resources.
· Acquired knowledge of AWS concepts and successfully completed AWS certifications and accreditation.

SKILLS

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

PROJECTS

PacknDeploy
· PacknDeploy is an automated CI/CD pipeline that streamlines web application deployment for increased efficiency and effectiveness.
· Automated the process of 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 a CI-CD pipeline using the Jenkins server to continuously deploy application version changes from GitHub to the production environment.
· Integrated AWS CodeBuild plugin and CodeDeploy plugin to Jenkins and 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
· Lead the creation of GatorHive, a web application that streamlines events discovery for University of Florida students.
· Created engaging and responsive web pages using React JS and CSS, delivering a seamless user experience.
· Designed and implemented secure back-end APIs in Node JS for data communication and managed AWS MySQL database to ensure data integrity and testing efficiency.
· Integrated AWS services, including Amazon S3, for image hosting, improving platform functionality.

CERTIFICATIONS

AWS certified: DevOps Engineer Professional, Solutions Architect Professional, Solutions Architect Associate

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

HackerRank: Problem Solving (Intermediate) Certificate, Python Certificate

LEADERSHIP EXPERIENCE

Served as Chairperson of Bennett Cloud Computing Club (BC3) during undergraduate studies. Had the privilege of organizing numerous cloud computing events to deepen students' knowledge on it.