Pranavanath Jaggari

DevOps Engineer with extensive understanding of high availability architecture and concepts. Purpose-driven professional with capacity to be a strong team player plus work effectively independently. Bilingual DevOps Engineer with background designing, testing and implementing infrastructure and applications. Talented performer with over 3 years of experience using source control tools to identify and fix bugs in code. Consistent team player with exemplary multitasking skills.

Work History

2022-01 - 2023-05

Teaching Assistant

University Of North Texas, Denton, TX

- I actively supported professors in delivering comprehensive lectures and conducting engaging lab sessions focused on cloud computing, encompassing prominent platforms such as AWS, Azure, and GCP.
- Assisted teachers with classroom management and document coordination to maintain a positive learning environment.
- My role extended to providing valuable guidance and assistance to students as they navigated intricacies of cloud concepts, virtualization technologies, and diverse array of cloud service offerings.
- Partnered with a teacher to plan and implement lessons following the school's curriculum, goals, and objectives.
- Played an integral part in setup and configuration of practical cloud environments for hands-on lab exercises, ensuring seamless and productive learning experience.
- Collaborating closely with faculty, I contributed to development of instructional materials, crafting assignments, projects, and lab exercises that effectively translated theoretical knowledge into practical applications.
- My responsibilities also encompassed evaluating student performance, furnishing

Contact

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Skills

DevOps Engineering

Excellent

Cloud Native Technologies

Excellent

CI/CD processes

Excellent

Container orchestration

Excellent

Terraform

Excellent

constructive feedback, and actively participating in the grading process.
- Overall, my dedication to fostering a positive and enriched learning environment underscored my commitment to facilitating mastery of cloud computing principles among students.
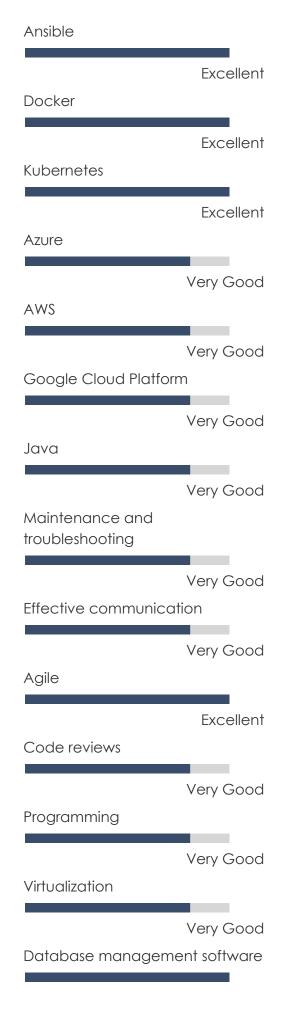
Project:
- Orchestrated the end-to-end deployment process of Node.js and Java applications using Azure DevOps, enhancing deployment efficiency and consistency.
- Employed Chef for configuration management to ensure standardized application environments, contributing to seamless deployments and reducing configuration-related errors.
- Utilized Maven to automate build processes and package the applications, resulting in streamlined deployment and consistent application delivery.
- Independently designed and implemented the project, showcasing a hands-on understanding of DevOps principles and practical application of relevant tools.
- Successfully demonstrated the ability to integrate and optimize diverse technologies, highlighting adaptability and innovation in a personal DevOps context.

2021-08 - 2021-12

Student Assistant

University Of North Texas, Denton, TX
- Configured hardware, devices, and software to set up work stations for employees.
- Patched software and installed new versions to eliminate security problems and protect data.
- Monitored systems in operation and quickly troubleshoot errors.
- Provided instruction to all lab users on proper use of all equipment.

Ansible
Excellent

Docker
Excellent

Kubernetes
Excellent

Azure
Very Good

AWS
Very Good

Google Cloud Platform
Very Good

Java
Very Good

Maintenance and troubleshooting
Very Good

Effective communication
Very Good

Agile
Excellent

Code reviews
Very Good

Programming
Very Good

Virtualization
Very Good

Database management software

- Created user accounts and assigned permissions for 30 students.
- Installed and configured operating systems and applications.

2019-07 - 2021-06

Software Engineer

Capgemini, Bangalore, India

- Designed, deployed, and managed cloud-native infrastructures on Amazon Web Services (AWS) to optimize scalability and performance.
- Monitored application performance using Observability tools like Cloudwatch and Splunk, ensuring high availability and proactive issue resolution.
- Streamlined software delivery through GitHub and Jenkins pipeline for continuous integration and deployment, enhancing collaboration and efficiency.
- Automated infrastructure provisioning and configuration with Terraform and Ansible, reducing manual overhead and ensuring consistent deployments.
- Orchestrated containerized applications using Docker and Kubernetes, managing deployment, scaling, and orchestration in a dynamic environment.
- Hands-on experience with CloudFormation and EKS (Elastic Kubernetes Service) for managing and orchestrating containerized applications within Kubernetes clusters, streamlining application deployment in cloud environments.
- Utilized scripting languages (Python, Java, Bash) to automate tasks, improve system efficiency, and facilitate customization. - Promoted Agile methodologies and iterative development within cross-functional teams, contributing to high-quality solutions and increased productivity.

Build releases
Excellent

Developer collaboration
Excellent

Meeting participation
Excellent

Testing and maintenance
Excellent

HTML
Excellent

JavaScript
Very Good

SQL
Very Good

Python
Excellent

Linux
Very Good

Windows
Very Good

GitHub
Excellent

Nagios
Excellent

Puppet
Very Good

Very Good

Education

2021-08 -
2023-04

Masters: Computer Science &
Engineering

University Of North Texas - Denton, TX

2015-06 -
2019-04

Bachelors: Computer Science &
Engineering

Jawaharlal Nehru Technology University - India