Sai Sriram Ampapurapu

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PROFESSIONAL SUMMARY

As a Certified DevOps Engineer with three years of experience and AWS SysOps Administrator certification, I specialize in using automation, deployment, and cloud technologies like AWS, Terraform, and Kubernetes. I aim to join a dynamic tech environment in a full-time role, where I can drive continuous integration and deployment while promoting innovation and operational efficiency in an evolving industry.

WORK EXPERIENCE

DevOps Engineer   July 2019 – June 2022
Wipro Technologies Ltd. Nokia   *Chennai , India*
- Designed and enhanced automated test suites, elevating product quality for Nokia
- Streamlined CI/CD pipelines with Jenkins and GitLab, cutting manual workload by 50% and boosting deployment efficiency.
- Pioneered a machine learning-based system for failure classification, reducing rework times by 75%.
- Awarded Best New Employee of the Year in 2020, acknowledging outstanding contribution and impact.
- Applied AWS Well-Architected Framework to refine cloud infrastructure, ensuring it met scalability, security, and efficiency standards.

Web Developer Intern   September 2017 - November 2017
Tekie.in, Remote   *New Delhi, India*
- Contributed to the development of an e-learning website, utilizing Python, Django, and Flask technologies.
- Enhanced site responsiveness and cross-platform compatibility, significantly improving user experience and contributing to a 20% increase in user engagement.

TECHNICAL SKILLS & CERTIFICATIONS

Programming Languages - Python, C++, Golang, C, SQL
Cloud & DevOps - Docker, Kubernates, Jenkins, AWS Lambda, AWS CDK, Terraform, Ansible, CloudFormation, Grafana
Tools & Software - Git, Github, Windows, Linux, Rest API, Powershell, Bash
Certifications - AWS Sysops Administrator Associate, AWS Solutions Architect Associate, AWS Cloud Practitioner

PROJECTS

Cloud Projects
- Deployed a Netflix clone application as a docker container on a Kubernates cluster through a secure CI/CD pipeline using jenkins.
- Used a CI/CD process to deploy a highly available, 2-tier architecture for a wordpress application.
- Deployed an infrastructure for a jenkins server and connected it to an S3 bucket using terraform.

Machine Learning Projects
- Sudoku Solver - Used Image processing, Neural Networks and OCR to solve sudoku puzzles placed in front of a camera and overlay the solution on the puzzle.
- Automated Flappy Bird - Created an AI that plays flappy bird games using convolutional neural networks.

EDUCATION

University Of Central Florida   **May, 2024**
Master of Science in Computer Science   *Orlando, FL*
Coursework: Incident Response Technologies, Software Engineering, Operating Systems, Computer Architecture