

Sai Sriram Ampapurapu

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PROFESSIONAL SUMMARY

Experienced Software Developer with a strong background in Docker, Kubernetes, and Terraform, proficient in React.js and Django. Certified in AWS SysOps Administrator and Solutions Architect, I aim to leverage my skills in a full-time role to develop scalable applications and drive efficiency in the tech industry.

WORK EXPERIENCE

Software Developer

Jul 2019 – Jun 2022

Wipro Technologies Ltd. Nokia

Chennai , India

- Designed and implemented a microservices architecture using Docker and Kubernetes, significantly enhancing product scalability and deployment flexibility for Nokia.
- Streamlined CI/CD pipelines using Jenkins and GitLab, reducing manual workload by 50% and increasing deployment efficiency.
- Developed and maintained automated test scripts in Python and Selenium, optimizing testing processes and improving the reliability and speed of application testing.
- Pioneered a machine learning-based system for test failure classification which cut rework times by 75%.

Software Developer Intern

May 2018 - Jun 2019

Broadridge Financial Solutions

Hyderabad, India

- Developed a full-stack web application using React.js and Django REST Framework, enhancing user experience and data management.
- Optimized PostgreSQL database performance on AWS, improving data management and reliability.
- Collaborated on deploying applications via AWS Elastic Beanstalk, leveraging CI/CD for seamless updates.

Web Developer Intern

Sep 2017 - Nov 2017

Tekie.in, Remote

New Delhi, India

- Developed parts of an e-learning website, utilizing React.js and Django.
- Enhanced site responsiveness and cross-platform compatibility, improving user experience and contributing to a 20% increase in user engagement.

TECHNICAL SKILLS & CERTIFICATIONS

Programming & Frameworks - Python, C++, Golang, Java, Node.js, JavaScript, TypeScript, SQL

Libraries & Databases - React.js, Django, RestAPI, PostgreSQL, MongoDB, GraphQL

Cloud & DevOps - GIT, Docker, Kubernetes, Jenkins, Terraform, AWS EC2, S3, Elastic Beanstalk, CloudFormation

Certifications - AWS Sysops Administrator Associate, AWS Solutions Architect Associate, AWS Cloud Practitioner

PROJECTS

- Developed and deployed a Netflix clone application using React.js as a Docker container on a Kubernetes cluster via a secure CI/CD pipeline with Jenkins.
- Created an AI-driven blog website using Django and OpenAI API to dynamically generate blog content at the click of a button.
- Deployed a Jenkins server infrastructure using Terraform and connected it to an S3 bucket for artifact storage.

EDUCATION

University Of Central Florida

Master of Science in Computer Science

Aug 2022 - May 2024

Orlando, FL