

# Sai Sriram Ampapurapu

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## PROFESSIONAL SUMMARY

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Certified DevOps engineer with 3 years' experience in automation, deployment, and cloud technologies like AWS, Terraform, and Kubernetes. Proficient in optimizing systems and collaborating with cross-functional teams. Seeking a full-time role to apply expertise in driving continuous integration and deployment in a dynamic tech environment.

## EDUCATION

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### University Of Central Florida

*MS, Computer Science*

**May, 2024**

*Orlando, FL*

### National Institute of Technology

*Bachelors in Technology, Electronics and Communication Engineering*

**May, 2019**

*Durgapur, India*

## WORK EXPERIENCE

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### Graduate Teaching Assistant

*University of Central Florida*

**January 2023 - Present**

*Orlando, FL*

- TA for courses Operating Systems, Secure Operating Systems, Intro to Human Computer Interaction

### DevOps Engineer

*Wipro Technologies Ltd. Nokia*

**July 2019 – June 2022**

*Chennai, India*

- Designed and Maintained automated test suites necessary to deliver a high quality product for Nokia.
- Automated and Maintained CI/CD pipelines for code deployment using Jenkins and Gitlab resulting in elimination of 50% of manual work and increased efficiency.
- Developed a ML-based failure classification system that slashed rework turnaround times by 75%.
- Recognized as the Best New Employee of the Year in 2020.

### Web Developer Intern

*Tekie.in, Remote*

**September 2017 - November 2017**

*New Delhi, India*

- Contributed to the development of an e-learning website, utilizing Python, Django, and Flask technologies.

## PROJECTS

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### Cloud Projects

- Deployed a Netflix clone application as a docker container on a Kubernetes cluster through a secure CICD 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.

## TECHNICAL SKILLS

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**Programming Languages** - Python, C++, Golang, C, SQL

**Cloud & DevOps** - Docker, Kubernetes, Jenkins, AWS Lambda, AWS CDK, Terraform, Ansible, Grafana, Splunk

**Tools & Software** - Git, Github, Windows, Linux, Rest API

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