Sruthi Annapureddy

Currently pursuing masters in the field of Computer Science at BTH, Karlskrona, Sweden.

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EDUCATION

Master of Science in Computer Science (2019-2020)

Blekinge institute of Technology, Sweden

Bachelor of Technology in Computer Science and Engineering (Integrated Double Degree Master's Program)

Jawaharlal Nehru Technical University (JNTU), Kakinada, India

LANGUAGES

English ●●●●●

Swedish ●○○○○

Summary of Qualifications

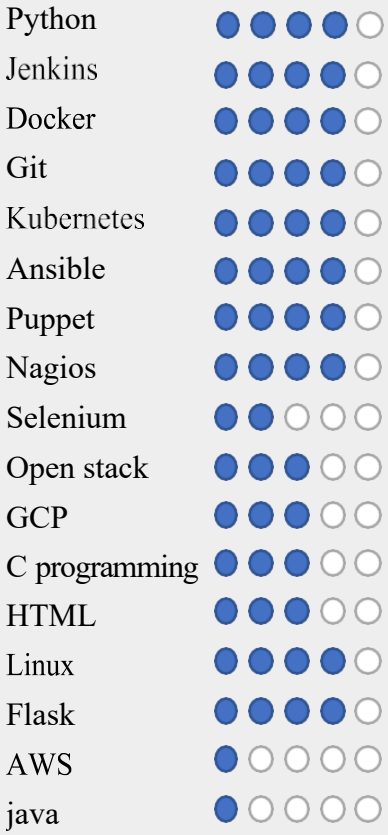
- Done an internship on Dev0ps engineer.
- 2 years hands-on experience on Dev0pstools.
- Familiar with Dev0ps tools like **Git, Jenkins, Selenium, Ansible, Puppet, Docker, Kubernetes and Nagios.**
- Developed Web based projects using **FLASK** as part of the course.
- Familiar with object-oriented programing language like **Python, C.**
- Successfully worked in teams consisting of students from different countries and cultural backgrounds at Blekinge Tekniska Hogskolon Sweden (BTH).
- Excellent communication and writing skills.
- Confident, Committed, and punctual in meeting deadlines.

Internship Experience

(Tech Mahindra, India, 2018)

- Worked as Dev0ps engineer for Tech Mahindra, India for a period of two months.
- Deploy a code in container by using **Docker.**
- Responsible for setting up a cluster with 5 nodes by using **Kubernetes**.

SKILLS



CERTIFICATIONS

Dev0ps Training Certification

- Main aim of this course is to gain knowledge of complete DevOps environment in both theoretical and practical.
- In this certification, I learn the skills like **continuous Integration with Jenkins, Testing, Delivery, Deployment, Infrastructure as Code with Puppet and Ansible, Building CI/CD pipelines, Git, GitHub, Docker, Kubernetes, Nagios, Maven Academic projects**.

Master Thesis

Ship detection Based on Hierarchical Method from the Optical Satellite Imagery based on Neural Networks By feature and Shape of the Object.

- To develop an enhanced ship detection technique based on the hierarchical classification of the optical satellite images using a neural network-based ship detection method.
- This employs an automatic identification system (AIS) for automatically tracking the ship-related information such as position, size etc.
- Technologies used: **Python Machine Learning, DNN.**

Academic Projects

Implementing CI/CD Pipeline and Deploying in Test Server using Docker

- Managing nodes with Jenkins master.
- Continuous Integration with Jenkins node and deploying in test server.
- Setting up infrastructure with Ansible, Puppet.
- Technologies used: **Maven, Jenkins, Puppet, Ansible, Docker, Git**.

Implementing CI/CD pipeline and Deploying in Container using Docker

- Manage plugins in Jenkins.
- Use plugins like Junit, Coverture for the jobs in the pipeline.
- Technologies used: **Maven, Jenkins, Docker, Git.**

Designed an Automatic Water Tank Level Detection.

- A tank which can automatically fill water into it using sensors by switching on/off motor automatically.
- Which reduces human intervention.
- Tools used: **Arduino, NODEMCU, LCD, Relay, Sprinkler**

Developed an NxN tic-tac-toe game

- In development of this game, we had used Artificial Intelligence. This helps user to play against intelligent decision systems.

Re-designed a webpage named Where2Eat.com

- The project is to evaluate the website as it is found with some design flaws and issues. So, that could be resolved to make the system more interactive