

Siri Chandana Nandanuru

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Summary

Fall 2021 MS CS – Data Science Student seeking opportunities for Summer 2022 internships having professional experience of 2 years 9 months as DevOps Engineer and MERN Stack experience.

Education

Master of Science in Computer Science

University of Texas at Dallas, Richardson, TX

Expected Graduation: May 2023

GPA: 3.33/4

Bachelor of Technology in Computer Science and Engineering

GITAM University, Hyderabad, India

Apr 2018

GPA: 8.51/10

Courses at University of Texas at Dallas, Richardson, TX

Fall 2021 - MS CS Courses

Statistical Methods for Data Science

Web Programming Languages — MERN Stack

Design and Analysis of Computer Algorithms

Spring 2022 - MS CS Courses

Machine Learning

Database Design

Information Retrieval

Machine learning project on Reinforcement Learning

Work Experience

IBM / Application Developer - DevOps

Sep 2018 – May 2021

Project (Client): IKEA – BI

The Project deals with mining of the data received from the IKEA Stores and deploys it.

- Built and deployed Docker containers using RedHat to break up monolithic app into microservices, improving developer workflow, increasing scalability and optimizing speed.
- Created serverless applications in AWS to dockerize and build Pipelines in Jenkins with Groovy Scripting.
- Managed GitHub repositories and permissions, including branching and tagging.
- Automation on FTP of scripts and integrated SQL with Git and GitHub.
- Delivered presentation that convinced clients to shift to Devops and Agile Methodologies.
- Created a web application with React JS and deployed it in RedHat using Docker and Kubernetes as part of Container Crush Program.
- Always learned new technologies to ensure the client requirements are met.

Internship

Lighthouse Software Solutions

May 2016

Price Comparison e-commerce module

Technical Skills

Programming: Java, Python, C/C++, SQL

DevOps: Jenkins, Docker, GitHub, AWS, Artifactory, Kubernetes, JIRA

Technologies: HTML, CSS, JavaScript, React JS, Express, Node

Database: Mongo DB

Scripting: Groovy, Shell

Product Management: Agile Methodologies

Productivity applications: JIRA

Certifications

DevOps Essentials: https://rb.gy/9qgfjy	Feb 2019
Getting started with Containers on IBM Cloud: https://rb.gy/fholql	Mar 2019
IBM Cloud Private: https://rb.gy/00y3jk , https://rb.gy/46jzfl , https://rb.gy/njmbvc , https://rb.gy/71lehd	June 2019
IBM Agile Explorer: https://rb.gy/zxskm7	Aug 2019
IBM Watson: https://rb.gy/xazbaq , https://rb.gy/euahfs , https://rb.gy/iit5ic , https://rb.gy/4c9so2	Nov 2019
Data Science Foundations: https://rb.gy/lumctp - v1, https://rb.gy/ifgbb8 - v2	Nov 2019
<i>Other Certifications are available in Licenses & certifications tab of LinkedIn Profile</i>	

Projects

Final year Project at GITAM University:

The project is about creating an application which secures the sensitive data in devices using the AES algorithm.

Honors & Awards

Eminence and excellence " Rising Star "	May 2019
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