

# NITHIN KANDULA

DATA SCIENTIST 📍 HYDERABAD, INDIA ☎ +91 7680842876

## ◦ DETAILS ◦

Hyderabad

India

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## ◦ LINKS ◦

[LinkedIn](#)

## ◦ SKILLS ◦

Python

SQL

Machine Learning

Deep Learning

Amazon AWS

MLOps

Complex Problem Solving

Statistics and probability

Jenkins

Computer Vision

NLP

Analytical Skills

## 👤 PROFILE

- 3.8+ Years of experience in the field of Information Technology with expertise in Analysis, Design, Development, Implementation and Testing.
- A Data Science enthusiast who is eagerly waiting and applying the knowledge of Machine Learning, Deep Learning, Computer Vision and Natural Language Processing concepts which helps in making the business decisions better and more useful for the customers.
- Industry standard skills on Machine learning, Deep learning, Natural Language Processing, Python, AWS, ASP.net Web API.
- 2 years knowledge and Hands on experience in working with ASP.net Web API, C#, Python, Microsoft Dynamics CRM, Machine Learning, Devops, Mysql.
- Awarded as High Skill Learning Ability Badge and Tremendous Help and Support Badge.

## 📁 EMPLOYMENT HISTORY

### Software engineer at wipro limited, Bengaluru

August 2019 — December 2021

The project is about how to create an opportunity to order generation to lead using Microsoft dynamics 365 CRM. Maintain Customer Relationship Management From generation of account, lead to creation of Opportunity and Finally Order Fulfillment (with SAP integration) and Billing. The Goal of the project is to digitize the entire business flow in the Wipro.

#### Technical Responsibilities:

- Delivered approximately 80+ complex services single handedly for the application by consuming different kind of API's and creating Stored Procedures.
- Successfully automated the process of deployment in all environments using the Azure Devops(CI/CD) without any manual intervention.
- Successfully implemented Azure Key vault in the application by moving all the sensitive data like usernames and passwords in the web config file within just few days before production live.
- Was responsible in creating a Digital assistant section in our application by providing the user with the relevant documents based on the inputs selected using machine learning which is trained on huge amounts of data.
- Responsible for guiding the development team.

### Data Scientist at Cognizant, Hyderabad

January 2022 — Present

#### Project: HBO MTIS

**Duration:** 22nd Feb 2022 – 27th March 2022

#### **Technologies :**

Python, Groovy script, AWS sagemaker Studio, Cookiecutter, Jenkins, WatchDog.

#### **Role and Responsibilities:**

- Modified the cookiecutter module to create my own project templates and learned how to use hooks to perform pre and post checks during the rendering of the predefined project templates.
- Worked on a Proof of Concept (POC) that involved using NLP, Deep Learning techniques and state of the art models like GPT 3 to create ESG analytics for the company.

## **Project: Merck Millipore**

**Duration:** 1st April 2022 – Current date

### **Technologies :**

Python, RDKit, Machine learning, Neural Networks, GitHub, Jenkins, Most of the AWS services such as StepFunctions, Lambda, DynamoDB, CloudformationStacks, API GateWay..etc, BitBucket.

### **Project Description:**

#### **Domain:**

AI in Drug Discovery

#### **Goal:**

The entire goal of the project is to use AI in different aspects of drug discovery process which in turn helps the chemist to save a lot of time and money. Calculating the properties of the chemical, Similarity search of the query molecule, generating a entirely new molecule from the query molecule, training a set of machine learning models on the user provided dataset are some of the aspects where AI is being used in our project.

#### **Role and Responsibilities:**

- Successfully implemented predictive models which predicts the properties of the chemicals which are later fed to other models.
- Solely was responsible for taking care of the entire infrastructure of the Data Science team.
- Successfully Implemented python packages for the all the modules and hosted them on Jfrog artifactory which made use of the common code across the teams.
- Maintaining and improving the performance of almost 10 machine learning models which are the heart of the application by regularly monitoring the performance.
- Optimize the usage cost of AWS by creating machine learning model which predicts the time taken for the different functionalities of the application and came up with the techniques to reduce the cost such as using the technique of on demand container.
- Automated the deployment process by creating Jenkins pipelines which are used to create docker images and pushed the images to S3 bucket and later to harbor.
- Created Fast API's for the application which in turn consume machine learning models in the back-end.
- Maintaining and deploying the Cloud Formation Stacks in the AWS with the help of Jenkins pipelines.



## **EDUCATION**

**Post Graduation Diploma in AI / ML, National Institute of Technology Warangal, Warangal**

July 2021 — July 2022

Cgpa : 3.43/4

**B.Tech, Sreenidhi Institute of Science and Technoloy, Hyderabad**

September 2015 — May 2019

Cgpa : 7.8

**Intermediate, C.V.Raman Junior college, Warangal**

June 2012 — June 2014

Percentage : 97.4



## **COURSES**

- **Artificial and Machine learning PGP program, National Institute of Science and Technology Warangal**  
July 2021 — July 2022