

# VENKATA PRABHANJAN KUMAR

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Bapatla

## EDUCATION

### **Bachelor of Technology (B.Tech), Computer Science & Engineering**

Bapatla Engineering College

2018 - 2022

CGPA: 8.76/10

### **Senior Secondary (XII)**

BOARD OF INTERMEDIATE board

Year of completion: 2018

Percentage: 97.00%

### **Secondary (X)**

Government High School

(BOARD OF SECONDARY EDUCATION board)

Year of completion: 2016

CGPA: 9.30/10

## POSITIONS OF RESPONSIBILITY

To Build Machine Learning and Deep Learning Models

To Develop end-to-end web applications

## TRAININGS

### **Deep Learning**

SWAYAM NPTEL, Online

Jan 2020 - Apr 2020

## PROJECTS

### **Predicting the Energy Output of Wind Turbine Based on Weather Conditions**

Oct 2020 - Nov 2020

[https://smartinternz.com/badge\\_projects/certificates/13f3cf8c531952d72e5847c4183e6910](https://smartinternz.com/badge_projects/certificates/13f3cf8c531952d72e5847c4183e6910)

The application must be built with Python-Flask or Django framework with the machine learning model trained & deployed on IBM Watson Studio.

### **Telecom Customer Churn Prediction powered by AWS Sagemaker**

Aug 2020 - Oct 2020

[https://smartinternz.com/badge\\_projects/certificates/68ce199ec2c5517597ce0a4d89620f55](https://smartinternz.com/badge_projects/certificates/68ce199ec2c5517597ce0a4d89620f55)

To Build & Deploy a Machine Learning model to predict the customer churn on AWS and To Create a python - flask application that interacts with the model deployed on AWS Sagemaker with the help of AWS API Gateway and AWS Lambda Services.

### **Breast Cancer Risk Prediction using AWS SageMaker**

Aug 2020 - Sep 2020

[https://smartinternz.com/badge\\_projects/certificates/25ddc0f8c9d3e22e03d3076f98d83cb2](https://smartinternz.com/badge_projects/certificates/25ddc0f8c9d3e22e03d3076f98d83cb2)

The model must send alerts using the SNS service. The Machine learning model is trained and deployed on Amazon Sage Maker. Create an API Endpoint for the model with the help of API Gateway and AWS Lambda Service.

### Diabetes Prediction Model for Indian Women

Aug 2020 - Sep 2020

[https://smartinternz.com/badge\\_projects/certificates/2050e03ca119580f74cca14cc6e97462](https://smartinternz.com/badge_projects/certificates/2050e03ca119580f74cca14cc6e97462)

Develop an end-to-end web application that predicts the probability of females having diabetes. The application must be built with Python-Flask or Django framework with the machine learning model trained & deployed on AWS Sagemaker

### Predicting High Potential Employees in a Corporate

Aug 2020 - Sep 2020

[https://smartinternz.com/badge\\_projects/certificates/0353ab4cbcd5beae847a7ff6e220b5cf](https://smartinternz.com/badge_projects/certificates/0353ab4cbcd5beae847a7ff6e220b5cf)

To Create a python - flask application that interacts with the model deployed on AWS Sagemaker with the help of AWS API Gateway and AWS Lambda Services.

#### SKILLS

##### Python

Intermediate

##### Django

Intermediate

##### Cloud Computing

Beginner

##### Java

Intermediate

##### C Programming

Intermediate

##### HTML

Intermediate

##### CSS

Intermediate

##### Machine Learning

Intermediate

##### Deep Learning

Intermediate

##### SQL

Intermediate

##### PostgreSQL

Intermediate

##### MySQL

Intermediate

#### ADDITIONAL DETAILS

Participated in Call For Code 2020 Global Hack Challenge

Participated in Building Chatbots Using IBM WATSON SERVICE Workshop Conducted By Smart Bridge

Participated in Artificial Intelligence And Machine Learning Using Python Workshop at IIT Tirupati

Participated in IBM Hack Challenge 2020

Participated In Ai.nxt(Global AI Summit) an Initiative of IncubateIND