

# SATYAM SWARUP

B.Tech(NIT Silchar)

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## WORK EXPERIENCE

Software Engineer

Huawei Technologies India Pvt. Ltd.

Awards :

Best Contributor Award- May 2021

- Working in Data Science field of Advertisement domain
- Working on huge ad datasets to solve the problems in the time series, recommendation system.
- Working on ads dataset to generate similar users based on the past behaviour of users using DeepFM Algorithm
- Experience in handling scalable ML systems using spark for big data pipelines, multi-GPU / distributed architecture
- Generated end to end python/pyspark based pipelines for various ML algorithms handling Big Data
- Algorithms: Gradient Boost, DIN, DeepFM
- Tools Used : Python, Pyspark, Pandas, Numpy, Hive, HDFS, Parquet, CSV, Pickle etc.

July 2020 – present

Bengaluru, Karnataka

## PROJECT

### SMS Classification

- Trained a Naive Bayes Model on the corpus of approx 5500 text messages to classify them as a SPAM or HAM message
- Achieved an F1 score of 93.0%
- Tools: Scikit-learn, Matplotlib, Seaborn, Numpy, Pandas

### Twitter Sentiment Analysis

- Trained a Naive Bayes Model on the corpus of approx 3600 tweets, to classify them as a positive and
- Achieved an F1 score of 75.5
- Tools: Scikit-learn, Matplotlib, Seaborn, Numpy, Pandas

### Find Med Project(in progress)

- Building a platform where a user can search for the available medicines in the nearby medical shops.
- Using location feature to find the available medical shops nearby
- Tools: Python, Django, HTML, CSS, JavaScript, SQLite, GitHub

## TECHNICAL SKILLS

Python   C++   Java  
Machine Learning   Pyspark   Hive  
HDFS   Parquet   Django   HTML  
CSS   JavaScript   Git  
Data Structures & Algorithm

Quick Learner   Team Player

## EDUCATION

🎓 B.Tech in Electrical Engineering  
National Institute of Technology Silchar  
CGPA: 7.4

2016 - 2020

Silchar, Assam

🎓 Intermediate in Science

R.P.S College, Mahnar (BSEB)  
Percentage: 76.6

2014 - 2016

Vaishali, Bihar

🎓 Matriculation

Indian Public School, Hajipur (CBSE)  
CGPA: 10

2012-2014

Hajipur, Bihar

## CERTIFICATIONS

- 🌟 Pyspark
- 🌟 Python and Django
- 🌟 Java
- 🌟 Spring Boot

## FIELDS OF INTEREST

- Competitive Coding
- Machine Learning
- Software Development