



## Dibyajyoti Behera

30,3rd Cross B,KR Puram, Bangalore, Karnataka, India



Mobile phone:  
+91-7021375182



E-mail:  
dibyaj46@gmail.com



Website:  
djbehera.com

### **PROFESSIONAL SUMMARY:**

Full time R & D engineer in the field of Telecom Networking and machine/deep learning , having a good exposure to research and implementation of various AI/ML models including classification, neural networks and Natural Language Processing. Good background in design experiences using packages like keras, scikit-learn, tensorflow and numpy. A very systematic person, kaggler and gamer maintaining all the works in my personal website "djbehera.com".

### **SKILLS:**

- ✓ Python,Matlab,Linux
- ✓ Keras,Scikit-learn,Tensorflow and Numpy
- ✓ Django 2.0,PostgreSQL,Nginx
- ✓ Object-Oriented Programming

### **EDUCATION:-**

- B.Tech in ECE , National Institute of Technology,Rourkela,2014 (CGPA 8.37)
- 12th, BJB Junior College,Bhubaneswar,Odisha (94%)
- 10th, Capital High School,Bhubaneswar,Odisha (93%)

### **PROFESSIONAL EXPERIENCE:-**

#### Nokia Solutions & Networks, Bangalore

*R & D Engineer, March 2017-Present*

- Responsible for integration and verification of end to end virtualized cloud LAB environments for cutting edge technologies in 4G and 5G.
- Research and development of Machine learning model(TELCO CLOUD BOT 1.0) for "Work around prediction of alarms in Airframe hardware" ,which helps to enhance the SRN-NOKIA datacenter management.
- Working in collaboration with the datacenter team to gather proper memory related alarm data(200k+ samples) as a part of Phase-1 objective.
- Fine tuning of the model, effective data preprocessing and data cleaning of the dataset to achieve the optimum prediction accuracy possible.
- Research and development of Machine learning NLP models for "Auto assignment of JIRA tickets " based on the information provided in the description field of JIRA tickets.
- Closely working with the development teams to ensure accurate integration of ML models into stable platforms.

- Been highly involved in automating the installation procedures of the Network elements in the Virtualized LAB platform by writing python scripts.
- Strong expertise in the core products (Packet Core,IMS ,RAN) of 4G networks as well as virtualized platforms like OpenStack,VMWare.

#### Reliance JIO ,Navi Mumbai

##### LTE System Data Analyst.2014-2017

- Joined as an LTE System Analyst in ISOC team.(Integrated Service operation Center)
- Worked in a team responsible for proactively Analysis of service KPIs with an objective to ensure quality of service and prompt debugging of core network issues all across India.
- Used python to manage and run WebApp automation codes for Robot Framework test suites.
- Worked closely with application designers/developers to resolve documentation, design & functional issues with various APIs of System tools.
- Automated, debugged and analyzed the ISOC HP System tools which automatically download and analyze the wireshark traces in the ticket and give feedback in the comment section like a ChatBot.
- Developed and executed performance test script scenarios as per the business requirements and specifications.

#### **OTHER PROFESSIONAL WORKS:-**

##### "dibehera.com"

- Been maintaining my personal website hosted on Digital Ocean cloud server. The backend is powered by Django 2.0 Framework , PostgreSQL DB and Nginx.
- Website is regularly updated with various personal projects (like 'CatsNDogs' which uses CNN , 'Consolifree- A smart Corporate tool for excel consolidation' etc), various Kaggle works and some random implementation of AI/ML theories(e.g Andrew Ng courses).

##### "www.youtube.com/lte4g"

Been an active member of the creative team for this youtube channel, with a motive to explain basic concepts of LTE in simple language. We, a team of 4 friends, started this non profit youtube channel 3 years back during my tenure in Reliance JIO.

#### **PROJECTS:-**

##### SRN JIRA BOT 1.0

The main objective of this project is to use NLP to analyse the text filled by requester in the description field of the JIRA ticket and try to classify the type of the ticket and subsequently assign the ticket to the concerned team in SRN Bangalore.

##### LiFi

Lifi a leading edge future technology , which uses visible light for transmission of data. For the first time in Nokia it was integrated with a live LTE network . I have taken the responsibility of the authentication module of the IPSec client for the purpose. Our team also got a chance to showcase a demo on Nokia Innovation Day,Bangalore.