# RESUME

# Sandip Patil

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## SUMMARY

Data Scientist with BE in Electronics and communication and 2.5+ years of experience in using predictive modeling, data processing, data mining algorithms, computer vision , natural language processing , hands-on experience leveraging machine learning, deep  learning ,transfer learning  models to solve challenging business problems.

## Job Responsibility

- **Achievement-driven professional** with an experience of  **3.5 years.**
- **1 year experience in software engineer in East consultancy pvt ltd.(DEC 2017 to JAN 2019)**
- **2.5 year experience in data scientist in (Financial Software & Systems)FSS.(FEB 2019 TO TIL DATE)**
- Experience in building applications with **Artificial Intelligence, Machine Learning, Deep Learning, Recurrent Neural Network ,Computer vision , NLP and Python** .
- Worked on **Deployment and optimization** of various computer vision, Machine learning and NLP solution on web based application ,Azure platform using kubernetes services and **Raspberry pi** .

## Technical Skill:

| Skill | Technology worked on |
|---|---|
| Domain | **Investment Banking** |
| Programming/Scripting | **Python** |
| Tools/IDE | **pycharm, Pyspyder, Jupyter  Notebook,** |
| Cloud | **AWS AZURE HEROKU** |
| Machine learning | **Machine Learning,Data Analysis, Artificial intelligence, Natural Language Processing, pandas, scikit learn, matplotlib, python, Data Cleaning** |
| Deep  Learning/Computer vision | **Tensorflow, keras, CNN, faster CNN, RNN, RNN – LSTM, Vgg16, Resnet-50, Mobilenet, SSD, Harcascade, Tensorflow JS** |
| Project Methodology | **Agile SCRUM** |
| Operating Systems | **Windows, Ubuntu** |
| Distribution | **Cloudera** |
| Hardware | **Nvidia tesla,Raspberry pi 3b+** |
| Version Control | **GIT,** BIT BUCKET |

## Professional Experience

1

# Project-1

## CLIENT:  LANCO

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|---|---|---|---|
| **Project Name** | Wafer fault detection | **Start Date** | APR 2020 |
| **Owner** | LANCO | **End Date** | Till Date |
| **Project Location** | Bangalore – India | **Team Size** | 10 |

**Project Description:**

I am working as a  Software Engineer with fss for LANCO client in  Wafer fault detection. In this  engagement I am working as a Developer for Machine learning  use cases so far I have involved  multiple use cases in like Data validation Data transformation, Data preprocessing and data modeling   .

**Environment & technology used :** Machine learning algorithms ,FLASK, GAIA , Nvidia tesla k80 .

**Contribution:**

- ❖ Involved in Requirement gathering with various clients for various use case and Feasibility check for all the requirement with timeline.
- ❖ Involve in Data validation, Data Preprocessing, predicting and deployment
- ❖ Responsible to deploy this project in aws
- ❖ Participating in Data Preprocessing Techniques in order to make data useful for creating Machine Learning Models

Highlights:
- ❖ Recognized by managers, colleagues, and peers for innovation, communication, and teamwork to ensure quality, timely project completion.

## Project-2

| Project Name | Thyroid detection | | Start Date | MAR 2019 |
|---|---|---|---|---|
| Owner | Health pointe Solutions | | End Date | MAR 2020 |
| Project Location | Bangalore – India | Team Size | | 8 |

**Project Description:** In this project  we working for client  Health pointe Solutions and project name is  Thyroid Detection. According to this project we can predict person in suffering from thyroid or not  In this  engagement I am working as a Developer for Machine learning  use cases so far I have involved  multiple use cases in like Data validation Data transformation, Data preprocessing and data modeling

**Environment & technology used :** Python, Machine learning,  Transfer Learning,

**Contribution:**

❖ Involved in requirement gathering and Architecture design of the project for machine learning implementation.

❖ Building baseline models for the requirements with necessary data preparation.

❖ Involve in Data validation, Data Preprocessing, modelling and deployment

❖ Involved in data validation data transformation. And data insertion in data base.

❖ Responsible to deploy this project in aws

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## Education

| Exam / Degree | University | School / College |
|---|---|---|
| BE (Electronics and communication Engineering) | VTU, Karnataka | Atria Institute of Technology, Bengaluru. |

3