

# SAI PRASAD PADHY | RESUME



- » Status: Entry Level Data Scientist
- » Skills: Python, Tensorflow, C#/.Net, C++, C, JavaScript, JQuery, SQL
- » Interests: Predictive Modelling, Data Collection, Data Analysis, Data Quality
- » Activities: Cricket, Tennis, Reading, Music

## Summary

An entry-level data scientist who takes pride in building models that translate data points into business insights. Used my skills to Build and Deploy the models in various Cloud Platforms, now eager to apply the same knowledge to real-world business problems.

## Experience

- |   |                           |           |
|---|---------------------------|-----------|
| '19/06 - now  | <b>Programmer Analyst</b> | Cognizant |
| <ul style="list-style-type: none"><li>» Focused on developing .Net Applications, production deployment, testing, scaling.</li><li>» Performing analysis of root causes, providing immediate workarounds and solving underlying problems.</li><li>» Work closely with team members to ensure high-priority problems are handed off between team members, minimizing downtime and inefficiencies for end users.</li><li>» Debugging applications and implementing code fixes when necessary.</li><li>» Provided exceptional customer service via detail oriented troubleshooting.</li></ul> |                           |           |
| '19/01 - '19/06   | <b>Internship Trainee</b> | Cognizant |
| <ul style="list-style-type: none"><li>» Identifying areas for modification in existing programs and subsequently developing these modifications.</li><li>» Gathering the requirements, analyzing the requirements and feasibility check.</li><li>» Collaborating as a team to deliver the final product within the stipulated timeline.</li><li>» Worked with software team to coordinate development of new software features.</li></ul>   |                           |           |

## Education

- |   |  |                                |
|---|--|--------------------------------|
| 2015 - 2019   | <b>Bachelor Of Technology (B.Tech), Mechanical Engineering</b> | Lovely Professional University |
| <ul style="list-style-type: none"><li>» Project: Aurdino based Home automation and surveillance system.</li><li>» Built various real world applications by using various sensors and Aurdino.</li></ul> |  |                                |

## Skills

### Programming Skills

- » Python, C#/.Net, C++, C, JavaScript, JQuery, SQL

### Frameworks

- » Scikt Learn, Tensorflow, PyTorch, Numpy, TFOD

### Data Science

- » Predictive Modelling, Machine Learning, Deep Learning, Computer Vision

## Cloud Deployments

» Amazon Web Services(AWS), Microsoft Azure Cloud, Google Cloud Platform (GCP), Cloud Foundry (Pivotal), Heroku Cloud

## Tools

» PyCharm , Visual Studio , spyder , Jupyter Notebook

## Projects

'20/08 - Now

### Automated Bank Account creation system - InProgress

- » **Overview** : Building an end to end Web application which can able to follow Banking system for creating a Bank account by providing the Valid ID proof.
- » Collecting Data from various sources and annotating the data for to feed into image classification and Object detection techniques.

June 2020

### Automated Vehicle Number Plate Detection and OCR

- » **Overview** : Built an end to end solution for detecting the vehicle number plates and extracting vehicle information using License plate with OCR which can used at Toll gates, Shopping malls parking places etc.,
- » Implemented Modular solution which can be easy to maintenance of the application.
- » Implemented the Model Re-training approach to train the model periodically.
- » **Tools** : Python, Tensorflow, Object Detection, Image Processing, OCR.
- » **WebApp URL** : <http://vehiclenumberplatedetection-happy-mongoose-qx.cfapps.io/>

March 2020

### Service Desk ticket resolution time prediction

- » **Overview** : Most of the critical issues are handled and being tracked in the form of tickets in a typical IT environment and users have no idea when the problem is to be addressed after creating a problem ticket. implemented a end to end solution to predict the resolution time of the ticket.
- » Implemented Modular solution which can be easy to maintenance of the application.
- » Implemented the Model Re-training approach to train the model periodically.
- » Deployed the solution in the AWS EC2 instance using AWS Lambda function.
- » **Tools** : Python, Machine Learning, AWS

March 2020

### Covid-19 Responder Chatbot

- » **Overview** : Created a chatbot which will provide location based information or generic COVID-19 related information. it is capable of sending Email to the user with precautionary measures.
- » Built an Chatbot which can provide below mentioned details:
  - Number of cases in a specific area.
  - lockdown situation and Govt guidelines.
  - Symptoms and Virus Spread (State and Country wise)
- » **Tools** : Python, Google DialogFlow, Flask, JavaScript