

# Projyot Srivastava

Data Scientist

Product oriented data scientist with 4 years of experience in HealthCare and Insurance domain. Ability to deliver valuable insights and business solutions via data analytics and machine learning models.

srivastavprojyot@gmail.com ✉

9882190185,7702586556 📞

Bengaluru 📍

linkedin.com/in/projyot-srivastava-6b488b122 in

github.com/Projyots 🐙

## WORK EXPERIENCE

### Associate Consultant Capgemini

05/2019 - Present

Bengaluru

Royal Bank of Canada

Tasks

- Worked on Predictive Modeling of Test suite prioritization and forecasting based on different features.
- Working on ML algorithms , feature selection , data storage, connector for data ingestion, pre-processing and visualization. Used relevant tools along dynamic team for execution.
- Worked on improvement/changes of model-pipeline for future scope and required business solutions.
- Collaboration with cross functional teams to re-configure & implement the model algorithms on similar projects and domains.
- Automation testing of API features implemented with Twilio on web application along Accessibility testing and Regression suite.
- Team management, lead activities and upskilling of team

### Software Engineer UnitedHealth Group

07/2016 - 04/2019

Hyderabad

Optum Global Solutions

Achievements/Tasks

- US HealthCare Claims financial process flow in Healthcare domain through Oracle Financials R12 application.
- Data preparation from DB and used python scripts for data extraction. Used this for POC of claims volume projection.
- Created baseline model & data insights projections for business presentation.
- Validation of log files from Kafka for scheduled execution.

## EDUCATION

### Chitkara University B.E.(ECE)

07/2012 - 07/2016

Chandigarh, India

## INTERNSHIP

### iNeuron.ai

4 Months

- Involved in requirement gathering and Architecture design of the project for machine learning implementation.
- Worked with Product Managers to understand the challenges towards a ML product development.
- Containerization of ML models, cloud deployment and logs in MongoDB.
- Parameter tuning process for optimal model hyper parameters.
- Worked and discussed with MLOps about their requirements and challenges.

## SKILLS & TOOLS

Python

Machine Learning

AI Dashboard

Visualization

Scikit-Learn

TensorFlow

CNN

Keras

NLP

DialogFlow

GCP

Docker

Flask

Tableau

Twilio

SOAP UI

Swagger

GIT

SQL

MongoDB

Selenium

Guidewire

Oracle Financials R12

Unix

CA Rally

JIRA

## PROJECTS

### Flight Visibility

- Regression model based on XGBoost regressor to predict the visibility distance based on different climatic indicators.
- Used K-means(knee-locator) to create clusters and GridSearch to pass the parameters to train model.
- Data validation of files, logs for each step and email for failed step was designed.
- Deployed the model on cloud platform.

### Customer details - LEX Chatbot

- Designed intents , entities , script ,& lambda function for chatbot.
- Used lambda function to trigger email with Customer details and integrated with FB page messenger.

### Tensorflow

- Image Classification :- Used Neural networks & performed hyperparameter tuning for classification of images.
- Text Analysis :- Created a review sentiment classifier with RNN and LSTM.

## CERTIFICATIONS

Machine Learning - Stanford University

AHM-250 (08/2018 - 08/2018)

Healthcare Domain

ISTQB-FL (08/2018 - 08/2018)

IBM Data Scientist (06/2020)

TensorFlow - Sequences, Time Series and Prediction

TensorFlow - Convolutional Neural Networks

TensorFlow - Natural Language Processing