**Paila Uday Bhaskara Rao**

E- mail: udaybhaskarpaila@gmail.com B.Tech. Electronics and Communication Engg.

Mobile**:** +91-8985729201 G.V.P. College of Engineering (A)

GitHub: [github.com/UdiBhaskar](https://github.com/UdiBhaskar) LinkedIn: [in/uday-paila-1a496a84/](https://www.linkedin.com/in/uday-paila-1a496a84/) Blog: <https://udibhaskar.github.io/ml_blog/>

# Academic Qualifications:

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Qualification** | **Institution/Place** | **University/Board** | **Year of Passing** | **Percentage of Marks** |
| B.Tech. | G.V.P. College of Engineering (A) | J.N.T.U. (Kakinada) | 2016 | 81.20 |
| Intermediate | Sri chaitanya jr. college, Vizag | B.I.E. | 2012 | 95.3 |
| 10th Class | Z.P.H.S P.L Puram | S.S.C. | 2010 | 89.16 |

**Professional Summary:**

* Has 2 years of experience as SAP ABAP Technical consultant in Wipro. Worked on 2 Implementation project and currently working in another.
* Ability to Work under high stress environment and meet deadlines
* Quick learner with good analytical and problem solving skills
* Can work independently
* Having Good knowledge and hands on experience in Machine Learning.

**I.T. Skills:**

* Programming Languages: Python, SAP ABAP, C, R (Basics), MATLAB(Worked on signal processing in my undergrad )
* Tools/Frameworks : Numpy, Pandas, Scipy, Scikit Learn , NLTK, Tensor flow
* Databases: SQL, Oracle, SAP-HANA

**Achievements:**

* Secured State 7th  rank in 11th state level mathematics talent test conducted by Ramanujan Mathematics Club, salur
* Received star of month Award in Wipro and Topped Wipro PRP Training.
* Received 1st  prize in Robo Cricket \_ a robot competition conducted by GITAM university on occasion of GUSAC 3.0
* Received 3rd prize in Yantralaya \_ a hardware expo conducted by G.V.P.C.E
* Secured consecutively Mandal 1st in Mathematics and Science Talent Test conducted by Z.P.H.S Chapara in 2008- 2009 & 2009-2010
* Received National Means cum Merit Scholarship - This is based on Mental Ability Test and Scholastic Aptitude Test.

**Machine Learning Case studies:**

**Case study#1: Personalized cancer diagnosis**

* Classifying given genetic variations/mutations based on evidence from text-based clinical literature. Got data from Kaggle which was updated by Memorial Sloan Kettering Cancer Centre. Data having some Gene , gene variations and some medical  literature text related to gene variations.
* Analyzed the data and transformed data into some feature formats and build classification models to reduce multiclass logloss.

**Case study#2: Taxi demand prediction in New York City**

* Finding no of pickups in a given region in specific time so that we can give instructions to taxi drivers for better business.
* Got Yellow taxi trip details data from Taxi & Limousine Commission New York. Cleaned the data, removed some outliers and calculated some extra features from collected features.
* Divided New York into regions(40) based with clustering . divided data into time bins of each 10 min and did Time series forecasting and regression with some features to predict no of pickups.

**Case study#3: Stack Overflow Tag Prediction**

* Suggesting the tags based on the content that was there in the question posted on Stackoverflow.
* Got Data from Kaggle, did some analysis on data and extracted some text features. it is a multi label classification problem, so got top 500 tags which covers the 90% of data and classified using OneVsRest classifier.

**Case study#4: Quora Question Similarity**

* Identifying questions asked on Quora are duplicates of questions that have already been asked. if those are duplicate then we can instantly provide answers to questions. so i am predicting whether a pair of questions are duplicates or not.
* Got data from Kaggle, analysed the data. got some features from Questions like no of common words, length, no of words etc and then trained classification models to decrease Logloss.

**Case study#5: Quest for Perfect Playlist**

* Predicting how many no of followers will a playlist get, then using the results to generate what is likely to be a successful playlist.
* Got official playlists information from Spotify api. and for every playlist got playlist features like acousticness, duration, loudness, tempo, category etc and for each playlist got song details. divided no of followers into 5 quantiles and did classification and after that transformed No of followers into log(no of followers) because in data exploration i saw that distribution is skewed, then some regression models to predict no of followers.

**Projects Worked:**

**Project#1:**

Client: Thames Water

Role: SAP ABAP CRM Consultant

Duration: AUG 2016 to Jan 2017

Responsibilities and Contributions:

* Worked on Interactive and classical reports.
* Worked smart forms and action profile
* Add Fields Using AET tool creation AET Tables.
* Worked on BADI, BAPI and Enhancements.
* Added Custom Assignment Block and displaying the customer bank information data.
* Prepared Technical documentation and Unit test documents
* Created Pop Screen and F4 help for Calling Custom Component in Standard Component
* Created a search and search result object, handled both UI and GENIL Framework.
* Expertise in De-bugging.

**Project#2:**

Client: Rockwell Automation

Role: SAP ABAP CRM Consultant

Duration: FEB 2017 to Mar 2018

Responsibilities and Contributions:

* Worked on Interactive and classical reports.
* Worked smart forms and action profile
* Worked on Custom Enhancements on Nota Fiscal for Brazil
* Worked on BADI, BAPI and Enhancements.
* Worked on Pricing Calculation Enhancements
* Developed ALV reports in SD, MM Modules according to the client requirement.
* Worked on Custom reports for Brazil specific business requirement.
* Worked on ABAP- HANA
* designed some parts of system needed for brazil NF and turkey invoicing.

**Certifications:**

* Introduction to Data Science in Python by University of Michigan on Coursera. Certificate earned on January 10, 2017
* Applied Machine Learning in Python by University of Michigan on Coursera. Certificate earned on September 6, 2017
* Applied Text Mining in Python by University of Michigan on Coursera. Certificate earned on October 19, 2017
* Python for Data Science and Machine Learning Bootcamp on Udemy. Certificate earned on November 5,2017
* Neural Networks and Deep Learning by deeplearning.ai on Coursera
* Improving Deep Neural Networks: Hyper parameter tuning, Regularization and Optimization by deeplearning.ai on Coursera
* Structuring Machine Learning Projects by deeplearning.ai on Coursera.

**Personal Details:**

* **Date of Birth**:8th April, 1995
* **Hobbies:**

Playing Cricket

Browsing for latest mobiles in internet

Listening to Music

* **Strengths:**

Fast Learning

Adaptability

Hard work

Fighting spirit

* **Family background:**

Father: Paila Neelakanta Rao (Farmer)

Mother: Paila Vani sree (Home Maker)

* **Address for Communication:**

**Permanent Address**: Door No.: 4-21/2,

Surijini

Meliaputti,

Srikakulam(dist),

532216

* **Alternate Phone**:+917702362024