

SUBHRA SHANKHA DEV

E-Mail: subhro07.4u@gmail.com

Mobile: +91-9959546422

SUMMARY:

- Exposure in **Data science** and **Development** arena with **2 years** implementing data engineering approaches in order to obtain a quick, efficient bunch of solutions to any problem surrounding the domain.
- Experienced as a **Data Analyst** with over **1.6 years** of real time experience in building **Machine Learning** models that fits best, which involves ample usage of **Statistical analysis** and **Analytical capabilities** using **R** and **Python**.
- Experienced in working and coding in **Predictive Modeling** on both **Supervised** and **Unsupervised Machine Learning** datasets.
- Implemented various **Preprocessing techniques** such as **Missing Values**, **Feature Selection**, **Feature Scaling**, **Sampling techniques** for **Model building** and **Data cleansing**.
- Developed **Decision trees-C5.0/CART** model and various ensemble techniques-**Random Forests**, **Bagging** by targeting the improvement in accuracy score and performance metrics for both **classification** and **regression** problems using **pandas**, **numpy**, **scipy**, **matplotlib** and **scikit-learn**.
- Developed **Linear regression** and **Logistic regression** model for direct marketing campaign datasets by targeting responsive customers and minimizing errors.
- Exposure to **Natural language processing** using **Text Mining** of large unstructured data using **nlTK**, **wordcloud**, **TDM** and **Sentiment Analysis** using **Textblob**.
- **Computer Vision Techniques** using related machine learning models in **Python** using libraries such as **pandas**, **numpy**, **scipy**, **matplotlib** and **scikit-learn**.
- **Cluster Analysis** on **unsupervised datasets**, handling large and raw datasets.
- Created customized reports using **Tableau for data visualization**.
- Experience in development in **Web Application** and successfully executed project using **AngularJS**, **HTML5** and **SQL** handling various database operations .

Current CTC: 3.87 Lpa

Expected CTC: 5.5-6.5 Lpa

Notice Period: 45-60 days

Current Location: Chennai

Willing to relocate to Bangalore: Yes

TECHNICAL SKILLS:

Programming Languages	Python3, AngularJS
Reporting Skill sets	Tableau Data Visualization
Domain Skills	Telecom
Tools/Packages	Jupyter, Visual Studio Code
Database	SQL
Scripting	Unix Shell scripting

EDUCATION:

Qualification	Institute	Board/University	Year of Passing	% / CGPA
PG-MTech (Mechatronics)	VIT University, Chennai Campus	VIT University	2017	8.16
UG-BTech (Mechanical)	MIT Pune	SPPU, Pune	2017	57.7
XII	H.G.I. School, Abu Road	CBSE	2009	71.73
X	L.K.S.E.C, Rajasthan	CBSE	2007	82.2

WORK HISTORY:

Project 1: Programmer Analyst Trainee (FEB 2018-OCT 2018)			
Project Name	UUI3.0	Team Size	5
Description	Proposal to migrate from Old UUI to New UUI. To achieve this, all the components were redesigned.		
Role & Contribution	<ul style="list-style-type: none">Developed and Designed Custom-component to reduce Mapping Overload over jobs.Worked on Angular V3 library issues.		
Technology used	AngularJS-4, HTML5		

Project 2: Programmer Analyst-DEVELOPER (NOV 2018-Present)			
Project Name	VDSI XO-Integration Chn	Team Size	7
Description	Designing Statistical Models and developing ML models for analysis. Also, providing support to end user for reporting.		

Role & Contribution	<ul style="list-style-type: none"> ▪ As a developer, developed Machine Learning models. ▪ Enhancement of Stored Procedures in database to improve Performance. ▪ Created new procedures for performing regular data update and insertion of new data. ▪ Created machine learning models with Python, numpy and scikit-learn to predict requirement to apply analytics for fare prediction with 92% accuracy. ▪ Created customized reports using Tableau for data visualization.
Technology used	Python3-Jupyter Notebook, SQL, Tableau.