



# TUNGALA ABHISHEK

## ASPIRING DATA ANALYST

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### SUMMARY

Highly motivated and dedicated to work, thriving be a team member, always eager to learn new things, constantly working to enhance skills. Enjoys taking on challenges and is adaptable, with a strong commitment to both personal and professional development.

### TECHNICAL SKILLS

Programming languages:

Python, C++, C#, Java, Java Script, R.

Web Technologies:

HTML5, CSS.

Data Modelling:

XML, XSLT.

Data Management:

MYSQL, Tableau, MS Excel, MS Access.

Other Skills:

Linux, MS Windows.

### CERTIFICATIONS

- IBM Introduction to Artificial Intelligence. - Sep 2023
- Create Charts and Dashboards Using Excel (Microsoft). - Sep 2023
- Introduction to Statistics (Stanford University). - Apr 2023
- Data Structures (University of California San Diego). - Oct 2022
- Foundation data data everywhere (Google). - Sep 2022

### EXTRA CURRICULAR ACTIVITIES

- Worked as Graphic Designer & Video Editor (Head) in Society for Management Learning, a student organization at LPU. - Dec 2022
- Worked as Graphic Designer & Video Editor (Head) in Coding Pirate, a student organization at LPU. - Mar 2022
- Worked as Technical Team Member & Graphic Designing Team Member in Coding Ninjas, a student organization at LPU. - Dec 2021

### CO-CURRICULAR ACTIVITIES

- Participated in Smart India Hackathon. - Sep 2023

### TRAINING & WORKSHOPS

#### Completed Python Data analyst Summer Internship Training from Programming phatasala. - Jul 2023

- Developed practical skills in utilizing Python for data analysis.
- Implemented data exploration techniques to gain insights into the structure and patterns within datasets.
- Created interactive dashboards using libraries like Plotly and Dash for data visualization and exploration.

#### Attended Machine Learning Session by Google Developer Student Club , LPU. - Nov 2022

- Actively participated in the Machine Learning Session at Google Developer Student Club, LPU, demonstrating a commitment to staying updated with industry trends.
- Engaged enthusiastically in exploring advancements in technology, particularly in the field of machine learning.
- Showcased an eagerness to apply newfound knowledge and skills to real-world scenarios, highlighting a proactive approach to professional development.

#### Attended AWS Summit India. - May 2022

- Participated in the prestigious AWS Summit India, showcasing involvement in a leading event within the technology industry.
- Attended a variety of sessions, including insightful keynotes and workshops, led by experts from Amazon Web Services (AWS) and prominent figures in the industry.
- Demonstrated a proactive approach to staying informed about the latest advancements and best practices in cloud computing and related technologies.

### PROJECTS

#### Loan Approval Prediction using Machine Learning. - Mar 2024

- Expertly developed a range of machine learning algorithms, including Decision Tree Classifier, Random Forest Classifier, Naive Bayes Classifier, and Logistic Regression, enhancing loan approval prediction accuracy through adept feature extraction.
- Ensured transparent loan approval predictions by skillfully interpreting ML models with feature analysis, SHAP, and LIME techniques, boosting stakeholder confidence.
- Proactively tackled ethical concerns and biases in loan prediction models using fairness-aware algorithms, promoting fairness and accountability.

#### Machine Learning Weather Forecasting Prediction. - Apr 2023

- In the data preprocessing stage, the dataset is divided into training and test sets, ensuring the model's evaluation on unseen data.
- Throughout training, cross-validation techniques like k-fold cross-validation can be applied to assess the model's performance across various folds or partitions of the training data.
- Employing cross-validation metrics provides a robust evaluation of the model's generalization capability to unseen data, thus bolstering the reliability of forecasting predictions.

### ACHIEVEMENTS

- 5-star rating in C++ on Hacker Rank. - Oct 2023
- 4-star rating in Python on Hacker Rank. - Nov 2022

### EDUCATION

- B.Tech in Computer Science - Jul 2021 - Present  
Lovely Professional University | Phagware, IN  
CGPA: 7.1
- Higher Secondary - Jun 2021  
Sri Chaitanya Junior Collage | Hyderabad, IN