

# BHANUPRASAD DUGGINENI

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Hyderabad, Telangana, INDIA

## SKILLS SUMMARY

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- MySQL (Joins, Normalization)
- Python (Pandas, NumPy, SciPy, Matplotlib)
- Excel (VLOOKUP, Pivot Tables)
- Microsoft Power Bi
- Django REST Framework
- MSWord, PowerPoint
- SDLC (Agile, Water fall, Scrum)
- GitHub
- Google Analytics 4(GA4)
- Talend (ETL)
- HTML, CSS, JavaScript
- Conflict Resolution
- Communication

## PROJECTS

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### TAXI FARE PREDICTION – Yhills June 2023

- Performed data cleaning and text analysis to preprocess the data and successfully applied Haversine Distance Formula to calculate the distance based on longitude and latitude of pickup and drop-off.
- Applied **Random Forest regressor** and machine learning techniques to produce a final model with an accuracy of 92%.

### PREMATURE DETECTION OF FISH DISEASES USING WATER QUALITY-Academic Project April 2024

- Enhanced disease prediction for aquatic ecosystems using **Gradient Boosting Algorithm**, resulting in 90% accuracy, and promoting proactive disease management, boosting overall fish health by more than 85%.

### PIZZAHUNT SALES ANALYSIS USING SQL – Personal Project May 2024

- Implemented **SQL** Queries to extract data from 4 different related tables from customer sales databases using **JOIN** and **VIEW**
- Analyzed Pizza hunt sales data using SQL to identify underperforming product lines and peak sales periods; developed actionable insights that have the capacity to increase monthly revenue by 18%.

## ACADEMIC AND EXTRA-CURRICULAR ACTIVITIES

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- Selected with Qualifying Rank in Round one of National Olympiad 6.0 Conducted in June 2022.
- Secured first place among 600 students in Mandal level Prerana Science Talent Test 2014-15 competition.
- Led a team of 56 NCC Candidates in training and discipline.

## EDUCATION

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**BACHELOR OF TECHNOLOGY** – Anurag Engineering College – Kodad, Telangana, INDIA 2020-2024  
Majors: Programming Languages, Data Base Management Systems, Data Structures and Algorithms.

**INTERMEDIATE EDUCATION** – Vagdevi Junior College – Miryalaguda, Telangana, INDIA 2018-2020  
Majors: Mathematics, Physics and Chemistry.

**SECONDARY EDUCATION** – Z.P.H.S (Bakkalwadi) – Miryalaguda, Telangana, INDIA 2017-2018