

Venkata Ravi Teja Abburi

 linkedin |  abburiraviteja4@gmail.com |  +91 9618760508 |  Guntur, Andhra Pradesh

EDUCATION

- **Bachelor of Technology in Computer Science & Data Science Engineering** Sep 2020 - May 2024
Raghu Institute of Technology - Visakhapatnam CGPA: 8.08/10.0
- **Intermediate - Maths, Physics & Chemistry** Jul 2018 - Jun 2020
Vision Jr College - Guntur CGPA: 8.73/10.0

TECHNICAL SKILLS

- **Languages:** Python, SQL , Java , OOPS , Machine Learning
- **Data Analysis:** Pandas, NumPy, Power BI, Matplotlib
- **Developer Tools:** Jupyter , VS Code , Anaconda Navigator

PROJECTS

- **Ride Demand-Supply Optimization Hub - Uber** Nov 2024
 - Trained a Streamlit App with deployment to analyze the time trend for the ride demand-supply.
 - Using pandarallel for automated extraction, preprocessing, and timezone adjustment. Plotted Hourly Demand Per Location and per Vehicle Type using Seaborn and Matplotlib
 - A login system to allow users to view driver performance metrics and recommendations. Provided actionable insights for optimizing driver earnings by predicting high-demand areas.**Skills used:** Python, Data Analysis
- **Dynamic Pricing Strategy Using Reinforcement Learning** Apr 2024
 - Developed a dynamic pricing structure with real-time data, which Enhanced revenue by 25% during peak sales.
 - To address new product and supply difficulties, sophisticated Python ETL techniques were utilized, such as product clustering by category, group, and price quartiles.
 - Using Machine Learning Models to build a reinforcement learning solution, profits were increased by 3.48% over baseline pricing.**Skills used:** Python, Excel, Machine Learning, Pandas , Numpy
- **T20 World Cup Cricket Data Analysis** Jul 2023
 - Analyzed statistics from the T20 World Cup 2022 to create a Dream Team.
 - Python, Pandas, and Jupyter were utilized to develop data pipelines that reduced processing times by 50% and increased accuracy with reliable error handling..
 - Utilized sophisticated data transformation in Power BI (Power Query), cutting down on processing time by forty percent and improving accuracy.**Skills used:** Python, Pandas, NumPy, Excel, Power Bi

WORK EXPERIENCE

- **DevSkillHub - SQL Internship** Remote
Enhanced databases to facilitate corporate analysis and data-driven applications. Feb 2024 - Apr 2024
Skills: SQL, Python
- **RoboCoupler - AI Intern** Remote
Analyze data and build models Experiment and optimize AI solutions. jul 2023 - Aug 2023
Skills: Python , Machine Learning

CERTIFICATIONS

- **LinkedIn - Career Essentials in Data Analysis by Microsoft and LinkedIn**
- **NPTEL -Data Base Management System**
- **HackerRank - SQL (Advanced)**
- **Coding Ninjas - Certificate of Achievement of Codekaze (All India Rank-665)**
- **Cutshort - Python (Advanced)**

EXTRA-CURRICULAR ACHIEVEMENTS/ACTIVITIES

- Solved **100+** problems on HackerRank.
- NSS Volunteer in College from June 2022 to April 2024 - Demonstrated initiative and responsibility as an NSS volunteer, leading and motivating others.