Venkata Ravi Teja Abburi

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EDUCATION

- **Bachelor of Technology in Computer Science & Data Science Engineering** *Sep 2020 - Apr 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, Java , OOPS
- **Database:** SQL
- **Developer Tools:** Jupyter , VS Code , Anaconda Navigator

PROJECTS

- **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 Deep Q-Learning to build a reinforcement learning solution, profits were increased by 3.48% over baseline pricing.
    Skills used: Python, Excel,Machine Learning,Deep Learning

- **T20 World Cup Cricket Data Analytics** *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**
- **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.