ANEESH RAJ DONTHI

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Mechanical Engineering
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EDUCATION

- **National Institute of Technology, Warangal** *2021 - 2025*

  B.Tech,Mechanical Engineering

EXPERIENCE

- **Business Analytics Intern- Outlook Publishing Group** *May 2024 – July 2024*
  - Analyzed product performance and forecasted trends using SQL, Python, and predictive analytics to support data-driven decision-making. Developed interactive dashboards in Tableau/Power BI to track KPIs, optimize marketing strategies, and improve customer retention. Automated data processing and reporting, increasing efficiency and enabling proactive business insights.

PROJECTS

- **JOSAA Data Analysis Portal**
  - Developed a JOSAA Data Analysis Portal to predict IIT admission chances by implementing linear regression, optimizing MySQL database performance, and automating data extraction using BeautifulSoup and Selenium. Built an interactive dashboard with Chart.js to visualize student admission trends across IITs and branches

- **Better Buy: A Novel Stock Value Joint-Analysis and Comparison Tool**
  - Developed Better Buy, a stock analysis and comparison tool that automates SEC filing parsing into pandas DataFrames for trend analysis. Implemented Monte Carlo simulations to assess investment risks and built interactive financial visualizations with Matplotlib and Seaborn. Integrated financial metrics, expert insights, and shareholder sentiment to generate data-driven investment recommendations.

- **Domino's Branch Sales Analytics and Visualization**
  - Developed a sales analytics platform for a Domino's branch using MS SQL Server for efficient data storage and querying. Designed an interactive Power BI dashboard with advanced data modeling and DAX expressions to provide real-time insights into sales performance, customer preferences, and operational efficiency. Conducted sales trend analysis to optimize product demand forecasting and peak operational planning, driving data-driven business growth.

TECHNICAL SKILLS

Languages: Python, Java , SQL
Libraries Frameworks: NumPy, Pandas, PyTorch, Keras, Tensorflow, SciPy, Scikit-Learn
Tools Platforms: GitHub, Visual Studio Code, Monte Carlo simulation, Jupyter Notebooks
Databases Cloud:MS SQL Server, MySQL, Oracle Database
Soft Skills: Communication, Time Management, Team Collaboration

ACHIEVEMENTS

- All India Rank 1 in VK Spelling Bee.
- Achieved AIR 19,687 in JEE Mains 2021 among 1.05 million candidates.
- Secured Rank 4,345 in TS EAMCET 2021 among 150,000 candidates.
- Ranked 2nd in Telangana State in Mathematics Scholarship Eligibility Test 2017.

POSITIONS OF RESPONSIBILITY

- **General Secretary,** NSS, NITW *2023*
  - Led community-driven initiatives, organizing a Blood Donation Camp (350+ units collected), Lantern Night (400 attendees), and Unity Run (500 participants). Spearheaded Swachhata Hi Seva, plantation drives, self-defense camps for women, and a talk show featuring UPSC toppers ISRO scientists.

- **Additional Secretary,** EA and HAM CLUB, NITW *2023*
  - Contributed to event planning and execution, fostering technical and extracurricular engagement.

- **Head of Logistics Department,** SpringSpree, NITW *2023*
  - Managed logistics planning and execution for South India's second-largest cultural fest, ensuring seamless operations and resource optimization.