

GUTHIKONDA SANJANA

Suryapet, Telangana, India - 508218

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EDUCATION

National Institute of Technology Warangal	2021-2025
Bachelor of Technology, Biotechnology	CGPA: 8.58/10.0

National Institute of Technology Warangal	2022-2025
Minor in Applied and Computational Mathematics	

TECHNICAL SKILLS AND INTERESTS

Programming Languages	: C++, Python, SQL
Machine Learning Tools	: Scikit-Learn, TensorFlow, Statistical Computing & Visualization Libraries
Softwares	: Excel, PowerBI, TensorFlow, Jupyter Notebook
Soft Skills	: Teamwork, Time Management, Decision-making, Adaptability
Areas of Interest	: Deep Learning, Machine Learning

WORK EXPERIENCE — QWIXPERT

Business Strategy Project: Market Sizing of Geo-tracking in Indian Trucking Industry

Tools & Techniques: Stakeholder Interviews, Value Chain Analysis, Data Visualization

- Estimated a fleet size of **11.4 lakh trucks** across **16 industries** through in-depth value chain analysis and secondary research, identifying GPS adoption trends and key operational gaps.
- Provided strategic insights and recommendations based on adoption likelihood, logistics inefficiencies, and digital readiness.

Operations Improvement Project: Warehouse Process Re-engineering

Tools & Techniques: Advanced Excel, ABC Analysis, TAT Assessment

- Conducted ABC and Forward Pick Area (FPA) analysis, assessed inventory norms, and evaluated orderline and inward data to pinpoint operational bottlenecks identified dispatch inefficiencies.
- Recommended TAT improvements, SKU reclassification, infrastructure-aligned slotting redesign analyzing large-scale dispatch and inventory datasets

PROJECTS

Capstone Project

- Developed a robust healthy life prediction model leveraging historical data using Regression, KNN, SVM, Random Forest, Decision Trees algorithms to improvise the evaluation metrics.

I-Raste Data Analytics

- Developed scalable and interactive **Power BI** dashboard with Exploratory Data Analysis (**EDA**) performed using Python on **1.8 million** geospatial Advanced Driver Assistance System (**ADAS**) data organized by Intel AI.

COURSEWORK & CERTIFICATIONS

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| • Mathematical Foundations for Machine Learning | • Summer Analytics (Python, ML) |
| • Statistics for Datascience | Analytics Club, IIT Guwahati - 2024 |
| • BioComputing and BioStatistics | • Advanced SQL |
| • Database Management Systems | HackerRank - 2024 |

POSITION OF RESPONSIBILITY

- **Training and Placement Coordinator** Centre for Career Planning and Development (CCPD) 2024-25
- **Executive Member** of Technical Asociation of Biotechnology & NSS, NITW 2023-24