

SANSEET SUNA

DOB: 03 Apr 2004 Balangir, Odisha

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Education

National Institute of Technology, Rourkela

Bachelor of Technology in Electronics and Communication Engineering

Nov. 2022 - May 2026

Rourkela, Odisha

Yuvodaya H S School, Sudpada

INTERMEDIATE - CHSE, Science (PCMB)

May 2021

Balangir, Odisha

Saraswati Vidya Mandir, Balangir

MATRICULATION - BSE

Apr. 2019

Balangir, Odisha

Projects

Real-Time Fraud Detection System with Agentic Decision Layer

Mar. 2026

Python, FastAPI, XGBoost, Scikit-learn, SQLAlchemy

GitHub

- Built and deployed a real-time fraud detection system using FastAPI and XGBoost for transaction risk scoring.
- Engineered behavioural and transaction-velocity features, addressing class imbalance using SMOTE.
- Developed an agentic decision layer combining ML predictions and business rules to generate **ALLOW**, **REVIEW**, and **BLOCK** actions.
- Evaluated model performance using classification metrics to improve fraud detection accuracy while minimizing false positives.

Hapliq

Dec. 2025

SQL, Product Analytics, Growth Analytics

Hapliq

- Led product analytics and growth initiatives for a hyperlocal campus social platform, acquiring 500+ users within the first week of launch.
- Defined product metrics and analysed user behaviour and feature adoption to identify growth opportunities.
- Built KPI dashboards to track DAU/WAU, onboarding funnel conversion, cohort retention, and feature performance.
- Designed A/B experiments and implemented data-driven improvements to enhance user activation and retention.

Indian Flight Delay Analytics

Jan. 2026

Python, Pandas, Aviation Data Analysis

GitHub

- Built a Python-based analytics pipeline to analyse airline OTP and operational efficiency using DGCA datasets.
- Performed exploratory analysis to identify delay trends across airports, airlines, and operational time windows.
- Identified airport congestion, TAT inefficiencies, and reliability issues through delay analysis.
- Surfaced actionable insights on delay root causes that could inform operational scheduling decisions for airlines and airport authorities.

Technical & Analytical Skills

Programming: SQL (Joins, Aggregations, Subqueries, CTEs), Python (Pandas, NumPy, Scikit-learn)

Data Analysis: Data Cleaning, Data Wrangling, Exploratory Data Analysis, Statistical Analysis

Machine Learning: Regression, Classification, XGBoost, Model Evaluation (ROC-AUC, Precision, Recall, F1-Score), SMOTE

Analytics: A/B Testing, Cohort Analysis, Funnel Analysis, Retention Analysis, KPI Tracking, User Segmentation, Demand Forecasting

Data & Systems: PostgreSQL, Supabase, Git, Data Modelling

Tools & Reporting: Excel (Pivot Tables, Lookup Functions), Power BI, Tableau, Dashboard Development

Extracurricular Activities

Algorithmic and Programming Society

Jan. 2023 – Mar. 2026

Technical Team Member

NIT Rourkela

- Contributed to organizing technical events by designing website pages and digital assets.

NITRUTSAV

Jan. 2023 – Mar. 2026

Fest Management Team

NIT Rourkela

- Coordinated cross-functional teams and managed on-ground execution for large-scale cultural events.