

Yashwant Sahoo

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Education

Vellore Institute of Technology, Vellore <i>Bachelor of Technology in Information Technology (CGPA: 9.59 / 10.00)</i>	Expected July 2027 <i>Vellore, Tamil Nadu</i>
Royale Concorde International School, Bengaluru <i>Class XII CBSE (Percentage: 94.6%)</i>	2022-2023 <i>Bengaluru, Karnataka</i>
SJR Public School, Bengaluru <i>Class X CBSE (Percentage: 95.6%)</i>	2020-2021 <i>Bengaluru, Karnataka</i>

Experience

ITC Infotech <i>Summer Data Intern</i>	May 2025 – June 2025 <i>Bengaluru, Karnataka</i>
<ul style="list-style-type: none">Observed the development of a batch data pipeline for an aviation client, utilizing tools like Azure Data Factory, Databricks (PySpark), and Snowflake.Gained hands-on understanding of the medallion architecture (Bronze, Silver, Gold layers) used for structured data processing and delivery.Replicated simplified proof-of-concept pipelines to practice data loading, transformation, and querying under mentor guidance.	

Technical Skills

Programming Languages: C++, Python, Java, C, Dart, JavaScript, SQL
Frontend Technologies: HTML, CSS, Flutter
Backend Technologies: Supabase, NodeJS, ExpressJS
Database: Oracle, MySQL, MongoDB
Cloud Platforms: Microsoft Azure
Data Tools & Frameworks: Azure Data Factory, Azure Databricks (PySpark), Power BI
Version Control & Tools: Git, GitHub

Academic Projects

Flight Delay Prediction Pipeline AWS, Python, SageMaker, FastAPI, Docker, EC2, Power BI
<ul style="list-style-type: none">Architected a production-grade, end-to-end data and ML pipeline on AWS following the Medallion Architecture.Ingested flight delay datasets from Kaggle into Amazon S3, applied schema inference and performed data transformation using Athena CTAS queries.Trained and optimized an XGBoost-based flight delay prediction model in Amazon SageMaker and stored model artifacts in S3.Deployed the model as a REST API using FastAPI, containerized with Docker, and hosted on AWS EC2 with Nginx reverse proxy.Developed Power BI dashboards to visualize airline and route delay trends using curated Gold datasets.Flight Delay Prediction Pipeline - GitHub repository

BudgetBee

BudgetBee Flutter, Supabase, Dart
<ul style="list-style-type: none">Developed a Flutter-based enhanced version of an expense tracking app, enabling users to efficiently manage and categorize their expenses.Integrated Supabase authentication for secure user login and sign-up.

- Implemented an interactive expense visualization feature using bar charts and added a swipe-to-delete functionality with an undo option for improved user experience.
- BudgetBee - [GitHub repository](#)

Ootsav | *Flutter, Dart, REST APIs, Figma*

- Building a cross-platform event planning app to manage weddings, birthdays, corporate events, and more, with sub-event support (e.g., Mehendi, Sangeet) featuring timeline, RSVP, and guest group management.
- Designed UI to enable hosts to add/edit event details, send invites, and manage RSVPs.
- Created guest-facing views to access accommodation, timeline, and contact information.
- *Currently under development.*
- Ootsav - [GitHub repository](#)

Social Engagements

Club Member : Senior Core Member at IEEE-CS and Society for Industrial and Applied Mathematics (SIAM-VIT) - Technical Chapters of VIT Vellore