**Sai Kiran Yellanki**

yellankisaikiran12@gmail.com| +91 9390496323  
LinkedIn: linkedin.com/in/saikiran05082002

# Education

**BITS Hyderabad— B.E Mechanical 2019 – 2023**

**B.Tech** — Grade: **7.12/10**

# Technical Skills

**Programming:** SQL, SAS, Python, Pandas, Numpy, ML, GCP.

**Platforms:** GCP, BigQuery.

**Data Visualization:** Tableau, Matplotlib, Seaborn.

# Experience

**HSBC —Data Analyst**| July 2023 – Present

* Developed and deployed BigQuery scheduled procedures to perform ETL and data manipulation for iHub QlikSense dashboards, ensuring accurate, reporting-ready data and optimized query performance to reduce cost and runtime, with production releases managed via Jenkins pipelines/G3 and Change Requests (CRs).
* Automated SAS and Python scripts for data extraction, reporting, and analytics, improving operational efficiency and reducing manual efforts.
* Soley managed Fraud Operations reporting for ASP, maintaining daily ETL pipelines and monthly production reports, and developed custom reports and dashboards to enable stakeholders to make data‑driven decisions.

**HSBC — Innovation Intern** | July 2022 – Dec 2022

* Implemented a Proof of Concept (POC) for call summarization using NLP techniques to generate concise summaries from call transcripts.
* Performed data preprocessing including tokenization, lemmatization, stop-word removal, and POS tagging. Worked with extractive (TextRank, LexRank, LSA) and abstractive models (Seq2Seq, LSTM, BART Transformer).
* Evaluated summaries using ROUGE metrics and manual reviews on datasets like CNN/DailyMail and SAMSum.

# Projects

**Academic Project** – Rainfall Runoff Modelling using Extreme Learning Machine (ELM)

* Implemented an Extreme Learning Machine (ELM) model to analyze hydrological time-series data and forecast trends. Optimized model performance by tuning hyperparameters (hidden neurons, activation functions) and evaluating predictive accuracy using the Kling-Gupta Efficiency (KGE) metric across train-test splits.

# Hobbies

Swimming, Badminton, Motorsports enthusiast(F1)