ABISHEK K S

RHCSA-ID:230-027-542 ◇+91 9962431043 ◇ksabishek909@gmail.com ◇[Linkedin](#) ◇[Github](#) ◇[Power-BI](#)

OBJECTIVE

Final Year IT Seeking a position to learn, grow and execute in the fields of Data Science and Development.

EDUCATION

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B.Tech IT	Sri Sairam Engineering College	**80.5%**	Chennai	2025
Class XII	DAV Public School	**88%**	Chennai	2020
Class X	DAV Adambakkam	**91%**	Chennai	2018

EXPERIENCE

Data Science Intern [Twilearn Edutech]   Jan 2023

- Participated in a **2-month** skill-up program by TwiLearn Edutech worked on related technologies

Front End Intern [Sairam Techno-Incubator]   **Mar 2024**

- Developed drag-n-drop, automated webpage builder for Client Side **within 7 days**

ACHIEVEMENTS

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[Code-Med Genesis22 Winner](#)	• Won the 2nd Place in Code-Med Hackathon on Patient Data Management at an event organized by Madras Medical College & Rajiv Gandhi Govt. General Hospital.	2022
[Top 500 writers](#)	• Ranked **72nd out of 98500+** Creative writers on a National Platform at Hashtag Kalaakar.	2022
[Best Speaker](#)	• Represented Odisha at a Mock Parliament organized by SSEC. Spoke briefly about critical issues and won the 2nd Place amongst 100+ delegates.	2023
Convergance22 Winner	• Won the 2nd Place at Convergance22, a **national level Technical Symposium** at SSEC. Spoke about role of chemistry in the evolution of artificial organs.	2022
[Invente23 Winner](#)	• Secured **first place in Shark Tank event**- solved market entry case of an ambiguous product and implemented 2-point strategy according to IVY Case system	2023
[Genesis 23](#):	• Ranked **4th in Heal Tank Event** & awarded with **10% Scholarship** on NEET-PG training with **5-year validity.**	2023
Project Euler	• TOP **5% on international level** in Project Euler+ on Hackerrank	2023
[ICST23 International Conference](#)	• Presented hydrogen fuel paper at ICST-2023	2023
Sparkle24 B&T Winner	• Won the **first place amongst SSEC & SSIT** at Block&Tackle conducted by **Literary Club on a college-level**.	2024
Kaggle Contributions	• Uploaded datasets on Kaggle with over **20,000 views** and **2,500+ downloads.**	2023
Top 160 Writers	• Ranked **153 amongst thousands of participants** in a national-level poetry competition organized by S7 poetry.	2024
Speechcraft 2.0 Winner	• Won the first place in speechcraft 2.0 conducted by IEEE at SSEC	2024

PUBLICATIONS

- IIP SERIES : [ALGORITHMIC ANALYSIS](#) Compared the performance of different DBMS algorithms across languages, published in book titled **"Future Perspectives of Data Analytics and IOT"**
- IGI GLOBAL : [Currently gathering data for a research paper to be published with IGI Global](#) [Healthcare]

PROJECTS

TECHNICAL SKILLS : Power-Bi, Excel, Streamlit, Python, Linux, Business analysis, KPI & metrics, SQL

AMFI-BASED MUTUAL FUNDS SERVICE:
https://mutual-funds-app-service-abishekks.streamlit.app/
- Deployed a full-fledged **streamlit web service** on community cloud.
- Retrieves **Fund Scheme details, NAV History, Computes current value of units** from the data provided by **Association of Mutual Funds,**

SR-DBMS INSERTION ALGORITHM
https://github.com/ABISHEK-KS/Single-Record-Insert-in-Python-to-MySQL-MariaDB-localhost
- Implemented Single Record Insert algorithm with insertion capacity of **60,000-70,000 Queries** a minute
- Monitored ongoing query execution and server traffic using Dbeaver.

REMOTE LINUX SERVER MONITORING
- Implemented set up of netdata agent on remote MS-WSL Ubuntu system to monitor metrics like Disk R&W, Network Inbound & Outbounds etc.

RANDOM STOCK DATA GENERATOR
https://github.com/ABISHEK-KS/Random-Stock-Data-Generator
- Developed a Python tool to generate synthetic stock data, creating profiling reports (HTML), exporting data to Excel, and producing PDF reports with seasonal dependency and parameter-specific plots (high, low, open, close) using FPDF module.

POWER-BI
https://www.novypro.com/profile_projects/k-s-abishek
- I have crafted over 20+ Dashboards and hosted them at novypro community.
- The dashboards are spread across domains like Finance, Sales, Healthcare and Public Data and even research surveys.

DATA ANALYTICS

Indian Economy Analysis
- Conducted a 60-year analysis of economic parameters including GDP, population growth, total reserves, and inflation. Created visuals and profile reports using Python.

Microsoft Stock Analysis
- Analyzed a high-cardinality dataset of Microsoft stocks over 7 years using Python and BI tools.

Census 2011
- Generated comprehensive reports by consolidating insights from the Census 2011 dataset.

COVID-19 Impact on Indian Tourism:
- Crafted visuals and incorporated them into a report explaining a massive loss of at least **$254 Million** due to the impact of Covid-19 on Indian tourism and economy.

TOP Tech Stocks Analysis
- Worked on a **45000+ row dataset** gathered from **12+ sheets** and solved Case problems according to the IVY case system inspired from Marc Consentino's Case in point book.

Webpage generation and Automation Tool
- Developed a drag-and-drop application for automating web-page generation for client-side at Sairam Techno-Incubator

SIH23 Internals - Database Handling
- Collaborated with a team of 10+ members on two projects, AYUNET and ConDASH, focusing on efficient database management and operations.

OTHERS
- Over 15+ Data analytics projects and case studies are available at my GitHub, including Air India Flight Analysis, Rolex Sales Analysis, Mercedes Benz &BMW Cars Dataset Analysis, Walmart Sales Analysis, Calculator GUI using PyQT5 GUI etc.