Syam Yadavalli

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EDUCATION

B. Tech, Biotechnology Engineering   2019 – present | Raipur, India
NIT Raipur
- Current CGPA: 8.03/10

Intermediate (12th)   2017 | Guntur, India
Narayana Junior College
- Percentage : 94 in M.P.C Specialization

PROFESSIONAL EXPERIENCE

Quantiphi Analytics   01/2023 – present
Data Engineer
- Utilized Python to establish connections to Snowflake database and efficiently pushed cleaned data, ensuring seamless data transfer and integration.
- Collaborated with Informatica to conduct ETL operations on the data, optimizing its quality and usability for further analysis.
- Assisted in designing scalable data infrastructure using Google Cloud Platform, enabling seamless integration and storage of large-scale datasets.
- Contributed to data dashboarding efforts by utilizing Looker, creating insightful dashboards to communicate key metrics and trends for effective decision-making.

SKILLS

Python | Selenium | BeautifulSoup | Pandas | DBMS | SQL | MERN Stack | JSON | GIT | OS
Linux | SDLC | GCP ACE | Snowflake | ETL | ScraPy | pytest | cypress | CI/CD | bash scripting

PROJECTS

Project H2O   02/2022 – present
- Developed an automated system leveraging IoT technology to detect water flow and calculate Non-Revenue Water, significantly improving water management efficiency.
- Integrated an interactive geographical map feature to visualize monthly revenue loss and identify root causes, enabling proactive decision-making and mitigation strategies.
- Created a comprehensive business model for the implementation of the system in the city of Raipur, including cost estimation and revenue analysis, highlighting the potential financial benefits and return on investment.

POSITIONS OF RESPONSIBITIES

Technocracy   2020 – present | Raipur, India
Head Coordinator - Tech Domain
- Spearheaded the development process of the official website for our college's Technical Committee as the sole Head Coordinator of the Technical Domain, overseeing the entire project from concept to deployment.
- Organized and led multiple Hackathons and coding/tech-related events as an active Committee member, fostering a vibrant tech community and providing opportunities for students to showcase their skills.
- Demonstrated commitment and expertise by serving as a dedicated member of the Technical Domain for three consecutive years, contributing to the continuous growth and success of the committee.

ACHIEVEMENTS

- All India Top 3 Finalists in **Smart India Hackathon** 🔗

LANGUAGES

Telugu | English | Hindi

INTERESTS

History | Movies | travelling | Coding