

SAHIL SURIYA

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PROFESSIONAL SUMMARY

To leverage my machine learning and data analysis skills to drive business growth as a Data Scientist. Highly motivated and detail-oriented data science enthusiast with experience in machine learning, data analysis, and automation.

EDUCATION

Dr. Ambedkar Institute of Technology
Master of Computer Application

Bangalore, KA
Sept 2025

BMS College of Commerce and Management
Bachelor of Computer Application

Bangalore, KA
Aug 2023

EXPERIENCE

SKYPOINT CLOUD

Data Collection Intern

Bangalore, KA
Mar 2024 – May 2024

- Developed and executed web scraping scripts using Python and Selenium to extract data from web pages, resulting in a 30% increase in data collection efficiency.
- Designed and implemented data cleaning and pre-processing pipelines to ensure data accuracy and completeness, achieving a 95% data quality rate.
- Improved data preparation for AI models by organizing and formatting cleaned data for ingestion into the Tabor AI model, reducing data processing time by 25%.
- Created detailed documentation of data extraction and cleaning processes, and generated reports on data quality, resulting in a 20% reduction in data-related issues.

PROJECT

AUTOMATION CONTENT GENERATION

In the Automation Content Generation project, I developed a system that automates the generation of content using Python, R, Tensor Flow, and Keras. The project involved building machine learning models to streamline content creation processes, significantly reducing manual effort. Additionally, I utilized Jupyter Notebook and SQL for data management and analysis, ensuring efficient and scalable content automation.

- Technologies: Python, R, Tensor Flow, Keras, Jupyter Notebook, SQL.

STUDENT PERFORMANCE PREDICTOR

The Student Performance Predictor project involved developing a machine learning model to predict student outcomes based on various academic and behavioural factors. Using Python, R, and Scikit-learn, I applied linear regression and other algorithms to analyze the data, offering actionable insights for improving student performance. The project also utilized tools like Pandas, Matplotlib, and Excel for data visualization and analysis.

- Technologies: Python, R, Scikit-learn, Pandas, Matplotlib, Excel

TECHNICAL SKILLS

Programming Languages: Python, R
Data Analysis Tools: Pandas, Numpy, Matplotlib, Scikit-learn
Machine Learning Frameworks: Tensor Flow, Keras
Big Data Frameworks: PySpark
Databases: SQL, PostgreSQL
Cloud Platforms: AWS
Data Visualization Tools: Power BI, Tableau
Operating Systems: Windows, Linux

ADDITIONAL

Languages: English, Hindi
Certifications & Training: Python for Data Science (NPTEL), IBM Data Science Professional Certificate(Coursera)

PROFILE

LinkedIn: [linkedin.com/in/sahil-suriya-27886a1a9](https://www.linkedin.com/in/sahil-suriya-27886a1a9)
Github: <https://github.com/sahilsuriya>