

SURAJ SAGAR CHATHIRI

<https://www.linkedin.com/in/surajsagar-chathiri-490084345/>

suraj.chathiri@gmail.com | +1 (928)-600-3369 | Flagstaff, AZ

Highly motivated master's student in Business Analytics and a strong foundation in analytical and problem-solving skills. Eager to leverage these skills to excel in a Business Analyst role and contribute to business process improvement. Seeking a dynamic and challenging role to challenge myself and contribute to business success.

AREAS OF EXPERTISE

- **Data Analyst**
 1. Data Visualization (Tableau)
 2. Programming Languages (Python, SQL)
 3. Excel

ACADEMIC PROJECTS & ACHIEVEMENTS

• Python for Business Analytics

Description: Using Python I created a data visualization of business data and used libraries such as Matplotlib, pandas, and regression analysis for the visualization and analysis of the data.

Achievement: Successfully developed a data visualization tool using Python, enhancing the understanding of complex business data, and improving the accuracy of business forecasts.

• RFID and IOT-based passport verification system

Description: Designed and implemented an RFID-based application to authenticate passports, increasing security measures and reducing the risk of fraud also, developed a system that sets off an alarm when a fake passport is detected, contributing to enhanced security protocols.

Achievement: Designed and implemented an RFID-based application to authenticate passports, contributing to enhanced security protocols and reducing the risk of fraud.

• Lora-based IoT system for patient health monitoring

Description: Implemented sensors to simultaneously monitor vital signs such as body temperature, pulse rate, heartbeat, and body position for two patients, resulting in an efficient smart health monitoring system using IoT.

Achievement: Engineered a smart health monitoring system using IoT, improving patient care efficiency and enhancing the accuracy of health assessments.

- <https://docs.google.com/presentation/d/1TSHrXpj9-LrR7mME8VgeVfdUSniv2ERg/edit?usp=drive> - Click here for my ppt.

Achievement: Worked in industry analysis and identified key success factors for the renewable energy industry.

CONTENT WRITING

<https://medium.com/@surajsagarch> - Click here for my Portfolio.

LEADERSHIP AND ACTIVITIES

- I created a Python-based portfolio project that is both informative and dynamic. It was well-organized and easy to comprehend.
- During my undergraduate studies, I led a team that researched and developed a Passport Verification System and a Patient Health Monitoring system.
- I have participated in various case studies and research and development projects related to different business industries.

EDUCATION

Northern Arizona University, Flagstaff, AZ, USA

Master of Science, Business Analytics

Courses: Foundations of Business python, Descriptive analytics, Marketing analytics, Data Warehousing

January 2024 - May 2025

GPA-4.0/4.0

Anurag College of Engineering, Hyderabad, INDIA

Bachelor of Technology, Electronics and Communication Engineering

Courses: VLSI Designs, Signals and Systems, Control Systems, Business Economics and Financial Analysis

July 2019 – August 2023

GPA-3.0/4.0

ADDITIONAL SKILLS

- Data Storytelling Analyst
- Technical Writer
- MS in PowerPoint
- Communications
- Java (Beginner)