

Masadi Rohitha

College Graduate | Data Analyst

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CAREER OBJECTIVE

Motivated To secure an entry-level position leveraging analytical skills and programming expertise to contribute effectively as both a Data Analyst and Developer. Committed to continuous learning, teamwork, and delivering high-quality results in a dynamic and collaborative environment.

EDUCATION

Bachelor of Technology in Electronics and Communication Engineering
Sumathi Reddy Institute of Technology

August 2018 – July 2022
CGPA: 6.9

Board of intermediate Education
2018 Sumathi Devi Junior College
Percentage: 94%

June 2016 –March

TECHNICAL SKILLS

- **Programming Language:** Python, Java
- **Frontend Technologies:** HTML, CSS, JavaScript, PHP
- **Databases:** SQL
- **Version Control:** Git/GitHub
- **Operating Systems:** Windows
- **Data Visualisation:** Power BI

PERSONAL PROJECTS

Performance Analysis of Orthogonal Frequency-division Multiplexing and FBMC May 2022– June 2022

- Evaluated spectral efficiency, revealing Filter Bank Multi carrier Modulation Signal (FBMC) 15% higher spectral efficiency compared to OFDM in simulated scenarios.
- Measured signal-to-noise ratio improvements of 10 dB in FBMC systems, highlighting enhanced noise tolerance over OFDM.
- Conducted an in-depth comparative analysis between OFDM and FBMC modulation techniques for 5G applications.

Piezoelectric-based Footstep Power Generation System

December 2021 – March 2022

- Engineered a novel system harnessing piezoelectric technology to generate electrical power from footsteps, pioneering an eco-friendly energy solution.
- Developed a prototype demonstrating the feasibility of harvesting electricity through foot pressure, promoting sustainable energy alternatives.
- Executed comprehensive testing and optimization procedures to enhance the system's efficiency and power output by 25%.

Covid-19 Dataset Analysis

September 2023– November 2023

- Developed an insightful Power BI dashboard, providing comprehensive visualizations and reports derived from extensive Covid-19 dataset analysis.
- Leveraged Power BI tools to identify trends, patterns, and key insights, aiding in understanding the pandemic's impact across various parameters.
- Presented a detailed and intuitive report showcasing infection rates, mortality trends, and regional variations, facilitating informed decision-making.

CERTIFICATIONS & ACHEIEVEMENTS

- Attended Certificate of completion of SQL Bootcamp SQL (basic)
- Attained Power BI course completion certificate
- Bagged a Certificate of Training (Core Java)
- Certificate of Completion of training in PHP Full Stack
- Certificate of Completion of Accenture Developer Job Simulation virtual internship

Hackerrank
Smart India Hackathon
Internshala