

# Muhammed Souban

Portfolio: <https://lowinertia.com/portfolio/souban2>

Github: [github.com/CodeWithSouban](https://github.com/CodeWithSouban)

LinkedIn: <https://www.linkedin.com/in/muhammedsouban1/>

Email: [Muhammedsouban12@gmail.com](mailto:Muhammedsouban12@gmail.com)

Mobile: +91-9446851709

Location: Thrissur, Kerala

## SUMMARY

Transforming data into insights and insights into impact. As a detail-driven data analyst with a Bcom in Computer Application degree, I am passionate about Data Science, Python, Data Analytics, Power BI, SQL, AI, ML and Deep Learning - always eager to learn, build, and innovate with data. I aim to turn complex data into meaningful insights that drive smart decisions. I enjoy solving real-world problems through data-driven approaches and intelligent automation. Constantly exploring new technologies to improve performance, accuracy, and efficiency.

## TECHNICAL SKILLS

- **Languages:** Python, SQL
- **Frameworks:** Pandas, Numpy, Matplotlib, Seaborn
- **Tools:** Power BI, Google Colab, GIT, Excel, MySQL,
- **Platforms:** Windows, GitHub
- **Soft Skills:** Problem-solving, Analytical thinking, Team collaboration, Communication, Continuous learning

## EXPERIENCE

Data Science Intern Apr 2025 – Dec 2025 Luminar Technolab, Kochi, Kerala During my internship at Luminar Technolab, I gained hands-on experience in **Data Science, Machine Learning, Deep Learning, Python, SQL**, and **Power BI**. I worked on multiple projects that enhanced my analytical thinking, problem-solving, and data visualization skills.

## PROJECTS

### AI-Powered Telegram Chatbot

(Python, OpenAI API, Telegram Bot API)

*An AI-powered conversational chatbot for automated user interaction*

Developed a Telegram chatbot using Python that generates human-like responses using the ChatGPT (OpenAI) API. Integrated AI-based text summarization and conversational response generation based on user input. Implemented asynchronous message handling and prompt design to ensure fast, clear, and relevant replies. Combined AI-driven responses with basic rule-based logic to improve reliability and user experience.

- Developed an AI-powered chatbot using Python and the Telegram Bot API to handle user interactions and automate responses.
- Designed prompt logic to ensure clear, concise, and relevant responses.
- Implemented asynchronous message handling for real-time performance.

### Paragraph Text Summarizer

(Python, NLP, Flask)

*Extractive text summarization using frequency-based NLP techniques*

Developed a lightweight text summarization system that generates concise summaries from user-input paragraphs without using external APIs. Implemented sentence scoring based on word frequency and stopword removal to identify key information. Deployed the application as a web-based tool for real-time text summarization.

- Implemented extractive summarization using NLTK tokenization and frequency analysis.
- Built a Flask-based web interface for user input and summary generation.
- Deployed the application online using a free cloud hosting platform.

## EDUCATION

### Mar OsthathEOS College

Thrissur, Kerala

- *Bachelor of commerce with Computer Application; GPA: 5.17*

July 2023 - June 2025

*Courses: Data Science with python,SQL,AI,ML,DL,Power BI*

## ACHIEVEMENTS

- Earned HackerRank Python (Intermediate) Certificate for demonstrating strong problem-solving and coding proficiency in Python.
- Completed Microsoft Power BI Data Analyst Badge showcasing skills in data visualization and dashboard creation
- Achieved SQL for Data Science Certificate (Coursera) validating ability to manage, query, and analyze datasets effectively.
- Received Google AI Essentials Certificate, demonstrating foundational knowledge of artificial intelligence and its real world applications