

# Raghavendar Sangam

[✉️](mailto:raghavendarsangam@gmail.com) [LinkedIn](#) [Github](#) [Portfolio](#)

## Professional Summary

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Flexible and performance-oriented professional with hands-on experience in data analysis, software development, and process improvement. Proficient in Python, Power BI, Excel, and web technologies, with a history of delivering effective solutions across a range of projects. Strong team player with proven track record of learning quickly, resolving complex problems, and adding value in dynamic, fast-paced settings.

## Skills

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**Programming:** Python, C, Apex

**Data Tools:** Power BI, Excel, Arduino, MSOffice, GSM

**Web/Frameworks:** HTML, CSS, JavaScript

**Methodologies:** Business Analysis, Financial Modeling, Agile, Requirements Gathering

**Databases:** MySQL

## Experience

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### Business Analyst Intern - Avijo (Healthtech Startup)

April 2025 – Oct 2025

- Developed financial models for SaaS pricing and revenue strategy, projecting a 12% increase in ARR.
- Streamlined operational workflows with SOPs, improving team efficiency and reducing delays by 30%.
- Conducted market research to support GTM planning and strategic positioning of new features.

### Salesforce Developer Intern - Salesforce

Nov 2023 - Feb 2024

- Built Lightning Web Components (LWC) to improve UI responsiveness and team workflows.
- Developed Apex-based business logic to streamline processes and enable custom workflows.
- Integrated REST APIs to automate lead processing and enhance data synchronization.

## Education

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### B.Tech in Computer Science, Specialization: AI & Machine Learning

*Siddhartha Academy of Higher Education*

Oct 2022 – Apr 2026

CGPA: 8.7 / 10.0

## Projects

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### Illegal Tree Logging Detection System (AI + IoT)

*Tools: OpenCV, CNN, Arduino-GSM*

- Built a real-time detection system using computer vision and embedded sensors to monitor forest activity.
- Achieved 85% detection accuracy and sent SMS alerts to officials via Arduino-GSM integration.
- Reduced potential forest damage response time by an estimated 60% through instant alerts.

### Chest X-ray Image Analysis for Multi-Disease Detection

*Tools: Python, CNN, Grad-CAM, NLP, HTML/CSS*

- Developed a diagnostic web tool to detect diseases like pneumonia and fractures from Chest X-ray images.
- Reached 80%+ accuracy using a weakly supervised CNN model and Grad-CAM for visual explanations.
- Used NLP to auto-generate reports, cutting manual effort by 70% and enhancing interpretability.

## Certifications

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- Business Analysis Fundamentals : Microsoft / LinkedIn Learning
- Google Analytics for Beginners : Google Academy
- Python and Problem Solving : HackerRank

## Languages

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**English:** Fluent   **Hindi:** Fluent   **Telugu:** Native