

# Sathya Anand

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[LinkedIn](#) | [GitHub](#)

Delivered software engineering and data specialization expertise over 3+ years, focusing on Master Data Management (MDM), API development, and backend optimization while utilizing tools such as **Python, SQL, Reltio, Azure, and Neo4j**.

## TECHNICAL SKILLS

**Languages:** Python, SQL, Java, R, Golang, HTML/CSS/JS

**Databases:** MySQL, Google BigQuery, PostgreSQL, Neo4j

**Tools:** Github, VS Code, Azure, Tableau, IntelliJ

**Data Analysis Skills:** Data Analysis, Data Cleaning, Data Visualization, Problem Solving

## PROFESSIONAL EXPERIENCE

### Mastech Infotrellis

Chennai, India

Master Data Management Specialist

June 2024 - Current

- Streamlined MDM Business services(maintainParty, searchParty), reducing ticket resolution time by **30%** through effective use of APM console and ServiceNoe
- Directed a team of 7 engineers to overhaul documentation processes, **reducing delivery time by 80%** and enabling faster onboarding for 4+ stakeholders.
- Created detailed **Functional Requirement Documents (FRD) and Technical Design Documents (TDD)**, ensuring seamless knowledge transfer and alignment with business requirements.
- Developed and configured MDM Landing, Staging, and Base Objects within Informatica MDM..

MDM Associate

May 2021 - June 2024

- Collaborated with backend teams to design and integrate **RESTful APIs**, enhancing system interconnectivity and data flow.
- Enhanced data integrity and system capabilities by optimizing data verification processes, developing new components using Golang and Neo4j, and thoroughly documenting API specifications for future development.

## PERSONAL PROJECTS

### Multiple Face Recognition and Liveness Detection

Python, CVS, ResNet | [Github](#)

November 2018 - April 2019

Coimbatore, India

- Developed a sophisticated real-time identification system utilizing **Convolutional Neural Networks (CNN)**, achieving an impressive **95% accuracy** on test datasets while enhancing individual recognition capabilities for security applications.
- Implemented liveness detection to prevent spoofing, ensuring the system only accepts inputs from live individuals.

### Movie Recommendation System

Python, Numpy, Pandas, Scikit Learn | [Github](#)

June 2019 - September 2019

- Automated the data with Python, reducing manual effort by **80%**, and enhancing data accuracy.
- Improved accuracy by **30%** through similarity scoring techniques, curating personalized movie lists.

## EDUCATION

### PSG College of Technology

Aug 2017 - Aug 2021

Bachelor of Technology in Information Technology, GPA: 8.35/10

## ACHIEVEMENTS

- Leadership:** Directed Rotaract Club's media team, increasing marketing engagement by **40%** through data driven campaigns.
- Technical Excellence:** Solved over **350-Coding Questions** on coding platforms. [Leetcode](#) | [Hackerrank](#) | [GeeksForGeeks](#).
- Expanded technical expertise and industry knowledge through achieving multiple professional certifications, including [Azure Fundamentals\(AZ-900\)](#), [Azure Data Fundamentals\(DP-900\)](#),[Neo4j Certified Professional](#)