Avanthika Sathish

STUDENT | CHENNAI

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OBJECTIVE

Aspiring Data Analyst and B.Tech CSBS student with strong skills in Python, SQL, and data visualization. Experienced in analyzing complex datasets using Pandas, Matplotlib, and Seaborn to uncover actionable business insights. Certified in MongoDB and Microsoft Generative AI, with a CGPA of 7.9. Seeking a Data Analyst internship to leverage analytical and problem-solving abilities to drive data-driven decision-making and business growth.

EDUCATION

Rajalakshmi Institute of Technology, Chennai
B.Tech Computer Science and Business Systems - 2024–2028 | CGPA - 8.01 (3rd Sem)

Springdays School, Vellore
AISSCE (12th) – 2024 | CBSE AISSCE EXAM - 70%

Lakshmi Garden Matriculation Higher Secondary School
SSLC (10th) – 2022 | TN SSLC EXAM - 86%

SKILLS

Programming & Databases: Python, SQL, MongoDB
Data Analysis & Processing: Pandas, NumPy, Data Cleaning, Data Wrangling
Data Visualization & BI: Matplotlib, Seaborn, Power BI (Basic)
Tools & Platforms: Jupyter Notebook, Google Colab, VS Code, Git, GitHub
Core Concepts: Statistics, Data Visualization, Business Analytics, Data Storytelling
Soft Skills: Critical Thinking, Problem Solving, Communication, Decision Making

PROJECTS

IMS Portal Development

- Developed and enhanced modules for attendance management, grade tracking, and On-Duty (OD) request processing within an Institutional Management System.
- Improved workflow efficiency by streamlining student and faculty administrative processes.
- Utilized database management and backend logic to ensure accurate record maintenance and retrieval.

Report & Scan Analysis System

- Designed and implemented a system for efficient analysis, organization, and management of scanned reports and documents.
- Automated report processing workflows to improve data accessibility and reduce manual effort.
- Enhanced document tracking and retrieval through structured data management technique

Instagram Auto Scroll Automation

- Developed an automation script to enable continuous scrolling of Instagram feeds using Python-based automation tools.
- Implemented user interaction simulation to automate repetitive browsing tasks.
- Improved automation reliability through error handling and configurable scrolling parameters.

CERTIFICATIONS

- **Cybersafe Discovery 2026 (International Mobility Programme)**
  Universiti Tun Hussein Onn Malaysia, Malaysia (2026)
- **MongoDB Certification —** MongoDB University
- **Python 3.4.3 Training — Spoken Tutorial –** IIT Bombay
- **Introduction to Generative AI —** Microsoft
- **Data Analytics Job Simulation** - Deloitte, Forage