

Manoj Sasikumar

Chennai, India

2003manojshr@gmail.com | +91 6380727478 | Portfolio://manoj-sasikumar

EDUCATION

SRM UNIVERSITY

BTECH CSE SPECIALIZATION IN BIG
DATA ANALYTICS - CGPA : 9.11
Sep 2021 - Jun 2025 | Chennai, India

SRI AMMAN SCHOOL

HIGHER SECONDARY COURSE IN
BIOLOGY AND MATHEMATICS - 90.5%
May 2021 | Salem, India

SECONDARY SCHOOL LEAVING

CERTIFICATE - 92.4%
May 2019 | Salem, India

LINKS

LinkedIn:// manoj-sasikumar
GitHub:// 17Manojshr
Leetcode:// 17manojshr
Hackerrank:// manojshr
CodeChef:// manojshr
Medium:// 17Manojshr

COURSES | TRAINING

Certified Data Scientist
SIMPLILEARN.COM | MASTER'S
PROGRAM
May 2023 - December 2023

Data Science Professional Certificate
COURSERA.ORG | IBM
Nov 2022 - Mar 2023

TECHNICAL SKILLS

PROGRAMMING

Familiar:

- Python • R • C++
- HTML • CSS • JavaScript

MACHINE LEARNING

Familiar:

- Scikitlearn
- Tensorflow
- Keras

DATABASE

- MySQL • MongoDB

DASHBOARDING TOOLS

- Tableau • PowerBI • Ms-Excel

VERSION CONTROL TOOL

- Git • Github

EXPERIENCE

Machine Learning Intern

MENTORNESS.COM

Jan 2024 - Feb 2024

- Developed and implemented machine learning models to analyze and extract insights from large datasets, demonstrating proficiency in Python and popular libraries such as Pandas, NumPy, and Scikit-Learn.
- Created visually compelling data visualizations and reports using tools like Matplotlib, Seaborn, and Tableau effectively.
- Effectively executed assigned projects, showcasing proficiency in data analysis, interpretation, and presentation.

Developer virtual Internship

SALESFORCE

Nov 2023 - Jan 2024

- Completed comprehensive training in Salesforce development methodologies, covering essential areas such as Salesforce Fundamentals, Organizational Setup, Relationship and Process Automation.
- Acquired specialized expertise through the successful completion of Super Badges in Apex, Process Automation, and Developer Super Set, showcasing practical skills in complex Apex development, process automation, and overall Salesforce development mastery.
- Skilled in developing, testing, and deploying tailored solutions for diverse business needs.

PROJECTS

SMART CYCLE RENTALS AND TRACKING SYSTEM

GitHub Repository | Preview | Web Development

- Developed a rental website using HTML, CSS, and JavaScript, facilitating seamless rental processes and real-time bicycle tracking.
- Integrated real-time tracking functionalities to monitor the location and status of rented bicycles, enhancing security and convenience.
- Leveraged JavaScript functionalities to enable real-time updates on bicycle availability, booking status, and robust tracking features, enhancing both security and convenience for users.

HEALTHCARE ANALYSIS

GitHub Repository | Preview | Data Science

- Conducted a thorough descriptive analysis of the NIDDK dataset, addressing missing values in critical columns and ensuring data integrity.
- Generated a comprehensive classification report, evaluating model performance with sensitivity, specificity, AUC, and other key parameters.
- Created a Tableau dashboard for healthcare insights, incorporating key chart types such as pie charts, scatter charts, histograms, and a heatmap to communicate complex data trends.

SOFTWARES

- Visual Studio Code
- MySQL Workbench
- Anaconda Navigator
- Microsoft 365

SOFT SKILLS

- Teamwork
- Communication
- Leadership
- Problem Solving
- Time-Management

PERSONAL PROJECTS

INDIAN FOOD RECOGNITION

Feb 2024 - PRESENT

LANE DETECTION

Jan 2024 - PRESENT

GENDER AND AGE DETECTION

GitHub Repository | Preview

COLOR DETECTION

GitHub Repository | Preview

COURSEWORK

- Probability & Statistics
- Linear Algebra
- Operating Systems
- Database Management Systems
- Computer Networks
- Deep Learning Algorithms
- Data Structures and Algorithms
- Software Engineering

WORKSHOPS

TEST AUTOMATION IN ROBOTICS

Aug 2023

AGILE SAFE PROCESS AND SCRUM MASTER

Feb 2024

BRAIN TUMOR DETECTION

GitHub Repository | Preview | Machine Learning

- Implemented image processing tasks using OpenCV and Pillow to preprocess medical images for effective analysis.
- Successfully trained the model on a diverse dataset, achieving high accuracy in distinguishing between tumor and non-tumor cases.
- Validated the model's performance through rigorous testing and evaluation, meeting project objectives and ensuring reliability in real-world scenarios.

COMPETITIONS

SAMHITA'24 - HACKATHON

Issued by MIT · March 2024

- Achieved 4th position out of 40 competing teams in the SAMHITA Web Development Hackathon organized by Madras Institute of Technology.
- Designed and developed a Smart Cycle Rentals and Tracking System using HTML, CSS, and JavaScript, showcasing innovation and practical application of web development skills.
- Implemented user-friendly interfaces and interactive features to enhance the rental and tracking experience for users, demonstrating proficiency in front-end development.
- Collaborated effectively with team members to deliver a high-quality solution, showcasing both technical expertise and teamwork abilities.

L'ORÉAL SUSTAINABILITY CHALLENGE 2023

Issued by L'Oréal · Nov 2023

- As a proud participant in the L'Oréal Sustainability Challenge 2023, I served as a key member of Team Mavericks. Engaging in the Online Aptitude Assessment, I contributed actively to our team's efforts in addressing the sustainability challenges posed by L'Oréal.
- This experience honed my problem-solving skills, teamwork, and deepened my understanding of sustainable practices in the industry.
- Grateful for the opportunity, I am keen to apply the insights gained from this challenge to contribute meaningfully to the intersection of technology and sustainability in my future endeavors.

VOLUNTEER EXPERIENCE

MUSKURAHAT FOUNDATION

Role: Volunteer | Cause: Children

- Drove a successful initiative to secure funds for the Muskurahat Foundation, showcasing proactive leadership and financial acumen during the internship.
- Leveraged personal and strategic networks to secure crucial funding, demonstrating a commitment to the Organization's mission and resourcefulness.
- Played a pivotal role in contributing to the financial sustainability of the Section 8 Non-Governmental Organization.