SANJAI KUMAR M.R

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PROFILE

Highly motivated student and data analyst with expertise in Java, R, and data analysis, Microsoft 360, Excel, specializing in Java development, data science, and machine learning. Experienced in building scalable applications and predictive models, with key projects including a Space Debris Tracking Dashboard and a Disease Predictor. Completed internships as a Java Developer at Ladera Technologies, ML Intern at Heuristers Technology Solutions LLP, and in Asset Auditing, gaining hands-on experience in OOP, application design, data visualization, statistical modeling, and problem-solving. Additionally, completed a Venture Creation Program, enhancing strategic thinking and innovation.

EXPERIENCE

ML ENGINEER INTERN, Heuristers Technology Solutions LLP - 15th February,2023 – 15th April,2023.
- I have exposed to the various activities in Machine Learning Prediction Division.

JAVA FULL-STACK DEVELOPER,INTERN, LADERA TECHNOLOGY - 3th june 2024 - 3th july 2024 ,4 week
- Experienced Full-Stack Developer with proficiency in Java, Spring Boot, SQL.
- Adept at building robust and scalable web applications
- Database administration and website design
- Built the logic for a streamlined ad-serving platform that scaled
- Educational institutions and online classroom management

ANALYSIS CONTENT,INTERN -1th jan -30th jan 2023
- Internship in Asset Auditing Company: Gained hands-on experience in data analysis and asset management

ACADEMIC PROJECTS

- **Space Debris Tracking Dashboard:** Created a Java Swing application to track space debris, updating positions in real-time using a timer and displaying them on a custom DebrisPanel
- **Disease Predictor** using Machine Learning: Designed and implemented a machine learning model to predict diseases based on user symptoms. Created a GUI application for easy user interaction.
- **Farmer Location Prediction**: Developed a machine learning model to predict optimal farming locations based on soil quality, climate conditions, and crop types.

Areas of Interest
- Space and Interplanetary Travel: Enthusiastic about advancements in space exploration and technology.
- Professional Growth: Committed to continuous learning and skill development in data science and machine learning.

Language Proficiency
- English: Fluent

TECHNICAL SKILLS:

- Programming Languages: Java, R, SQL , Python
- Web Design & Front-End Coding: HTML, CSS
- Machine Learning & Statistical Modeling: Scikit-learn, R
- Data Manipulation & Analysis:Pandas,NumPy, SQL
- Design Thinking & Analytical Problem-Solving
- Project Management Tools: GitHub
- Data Visualization: Tableau, Matplotlib, Power BI
- Business Tools: Microsoft 360, Excel

CERTIFICATION AND SELF LEARNING:

- GeeksForGeeks – Java Foundations Certified
- Oracle Cloud Infrastructure 2024 Generative AI Certified Professional
- Deloitte Australia Data Analytics Job Simulation
- Oracle Database Foundations Certified Junior Associate
- Career Essentials in Business Analysis by Microsoft and LinkedIn
- Java 8 course - Infosys
- Career Essentials in Data Analysis by Microsoft and LinkedIn NASBA

EDUCATION

B.E CSE WITH DATA SCIENCE

SATHYABAMA UNIVERSITY
CGPA-8.6
2021 - 2025

HIGHER SECONDARY SCHOOL

Daniel Thomas Matriculation
12 std - 89%
10 std- 85%