

MANOJ SIRIGIRI

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PROFILE SUMMARY

Seeking an innovative and challenging position where I brush my shoulders with the best engineering minds and with the latest technology where my skills are best utilized

SKILLS

- **Programming Languages:** Python, Java, HTML, CSS, Bootstrap, JavaScript, Mern stack(Mongodb, Express js, React, node)
- **Database:** SQL, Spark
- **Tools:** Jupyter Notebook, Visual Studio Code, Docker, Git
- **Machine Learning:** Data Preprocessing, Data Analysis, Random Forest, Logistic Regression, KNN

PROJECTS

Project 4: Developed an E-commerce product price tracker.

Technical project

May 2023 – June 2023

- Developed a responsive front-end for an eCommerce price tracker, ensuring a user-friendly interface.
- Implemented back-end functionality using Node.js to facilitate web scraping and dynamic price tracking for products.

Project 3: Malware Detection and Analysis using Machine Learning

Final year project

Sep 2022 – Mar 2023

- Developed a machine learning model for malware detection that can identify malicious applications even before installation
- Created a user interface for the same using streamlit

Project 2: Built a project to detect and prevent trojans attacks on a device

Company: Cyber Security Works (Risk Sense)

Jan 2022 – April 2022

- The project focused on discussing various types of malware, including Trojans, keyloggers, port forwarding, and social engineering techniques that threaten users' privacy
- This analysis highlights how antivirus software works and different types of malware detection techniques.

Project 1: Developed a classification model to predict the response of a customer for the marketing activity by a banking firm

Company: Imarticus

Aug 2021 – Nov 2021

- To predict if a customer subscribes to a term deposit or not, when contacted by a marketing agent, by understanding the different features and performing predictive analytics

ACHIEVEMENTS

- Published a research paper on "Malware Detection and Analysis using Machine Learning"
- Received the best project of the panel award from Sathyabama University for the Final year project.
- Completed Boot Camp Training in Machine Learning by IMarticus
- Completed the project and the coursework at CSW (Cyber Security Works – Risk Sense)

EDUCATION

B. Tech Computer Science Engineering

Sathyabama Institute of Science and Technology (SIST), Chennai.

June 2019 – Apr 2023

Aggregate: 9.17 CGPA

LANGUAGES

English | Hindi | Telugu

HOBBIES

- Doodling
- Cricket
- Traveling