HARSHITHA PULLURU, RA2111003020421

Course : **B.Tech**, CSE, 2025
Email : hp4839@srmist.edu.in
Mobile : 9152002021

SRM
INSTITUTE OF SCIENCE & TECHNOLOGY
(Deemed to be University u/s 3 of UGC Act, 1956)

ACADEMIC DETAILS

COURSE	INSTITUTE/COLLEGE	BOARD/UNIVERSITY	SCORE	YEAR
CLASS X	RYAN INTERNATIONAL SCHOOL	ICSE	664 MARKS	2019
CLASS XII	RAJHANS VIDYALAYA	CBSE	451 MARKS	2021
B.Tech	SRM Institute of Science and Technology - Ramapuram Campus		9.68 CGPA	2025

Subjects / Electives	Artificial Intelligence, Database Management System, Network Security, Compiler Design, Computer Networks, Formal Language and Automata, Advanced Programming Practices, Information Storage and Management, Programming Practices, DSA, Object Oriented Programming, Software Engineering Practices and Management, Design and Analysis of Algorithms, Computer Communications, Analog and Digital Electronics, Operating System, Computer Organization and Architecture, Data Mining and Analytics
Technical Proficiency	Machine Learning, Tensorflow, Scikit-Learn, Data Science, Java, Web Development, Python3, Pandas, Matplotlib, C Programming, Bootstrap, Node.js, SQL, Version Control

PROJECTS

Pythonized Predictive Purchases - Data Science   Feb 2024 - Present
- Developed a decision tree classifier to predict customer purchases using demographic and behavioral data.
- Python, Scikit-learn, Pandas, NumPy, and Jupyter Notebook were employed for project development and analysis.
- Utilized trained decision tree models to predict customer purchase outcomes and evaluated model performance using metrics such as accuracy, precision, and recall
- Github link : https://github.com/harshithapb/Pythonized-Predictive-Purchases.git

House Prediction System - Machine Learning   Apr 2024 - Present
- Developed a ML model for House price prediction system using Python, Tensorflow, Scikit Learn.
- Using linear regression , I showed the various dependencies among the labels and features.
- For this I used loss mean squared as the loss function and Stochastic Gradient Descent as the optimizer.
- Github link : https://github.com/harshithapb/House-Prediction-System.git

TaskTimerList - Web Development   Mar 2024 - Present
- TaskTimerList is a list-taking website facilitating efficient task management with integrated stopwatch timers and task list duplication.
- Stopwatch Timers: Initiate timers alongside task creation for precise time tracking.
- Task List Duplication: Duplicate existing lists for streamlined organization and task replication.
- The frontend interface is crafted using HTML, CSS, and JavaScript, while backend functionality is powered by Node.js with Express.js.
- Github link: https://github.com/harshithapb/TaskListTimer.git

MyPortfolio - Web Development   Dec 2023 - Apr 2024
- Crafted a dynamic portfolio highlighting my achievements and projects.
- Leveraged React for creating interactive user interfaces and Bootstrap CSS for seamless styling.
- Ensured responsive design and smooth navigation for enhanced user experience.
- Github link: https://github.com/harshithapb/MyPortfolio.git

POSITION OF RESPONSIBILITY

Class Representative - Class Management   Jan 2024 - Present
- Facilitated seamless communication between class members and faculty, ensuring efficient coordination.
- Managed diverse responsibilities to foster a conducive learning environment and resolve concerns promptly.
- Acted as a liaison between classmates and instructors, promoting collaboration and addressing queries effectively.

COMPETITIONS

HackNova   Mar, 2024
- Employed advanced transformer models to transcribe video content into text.
- Utilized transformer-based natural language processing (NLP) for automated note structuring, summary generation, and Q&A extraction.
- Enhanced educational engagement through interactive features like quizzes and annotations, revolutionizing video learning with a user-friendly interface.
- DEVFOLIO : https://devfolio.co/@Harshithapb

Cyberthon   Mar, 2023
- Applied cryptographic techniques, including brute force, frequency analysis, and codebreaking, to analyze and crack encrypted messages, demonstrating proficiency in deciphering complex codes and ciphers.

- Utilized advanced cryptographic algorithms and methodologies to decrypt sensitive information, showcasing strong problem-solving skills and attention to detail in uncovering hidden patterns and vulnerabilities in encrypted data.
- Collaborated closely with teammates to analyze and crack encrypted messages using cryptographic techniques, fostering teamwork and effective group collaboration while demonstrating proficiency in encryption analysis and codebreaking.

SRM KTR Project Expo   **Dec, 2022**
- Developed SmartCart, a mobile app connecting customers to certified food truck vendors, offering real-time updates on cart locations and product availability to enhance shopping experiences.
- Implemented virtual signaling feature enabling customers to easily request vendor assistance, reducing wait times and improving customer satisfaction.
- Enhanced vendor management through a platform allowing real-time updates of product offerings and prices, optimizing inventory control and sales visibility.
- Spearheaded the creation of comprehensive product listings on SmartCart, empowering customers to compare prices and make informed purchasing decisions for a seamless shopping experience.

CONFERENCES AND WORKSHOPS

Project Expo
Organized by: **SRM KTR** | Date: **Jan 2023**
A engaging session regarding the various case studies and their latest technical solutions which can be applied with real life constitutes.

PERSONAL DETAILS

Date of birth: 18 October 2003	Father's name: P. BALAKRISHNA
Permanent address: 27 - 1141 , Telephone Colony , Chittoor , Andhra Pradesh - 517001, Chittoor, Chittoor, Andhra Pradesh, PIN - 517001	Languages known: Hindi, Tamil, Telugu, English
Permanent contact number: 9152002021	Nationality: INDIAN
Passport availability: No	