Siva Kashyap Chakravadhanula

Roll No.: CS21B1061
B.Tech - Computer Science and Engineering
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EDUCATION

Degree/Certificate	Institute/Board	CGPA/Percentage	Year
B.Tech	Indian Institute of Information Technology (IIITDM) Kancheepuram	**7.1**	2021-Present (4 Semesters)
Intermediate	Sri Chaitanya Junior College, Vijayawada	97.2%	2021
School	Sri Chaitanya Techno School, Vijayawada	10	2019

TECHNICAL SKILLS

- **Languages**: Python, C, C++, JavaScript, HTML, CSS
- **Web Frameworks**: Node.js, PHP, Bootstrap
- **Data Science & ML**: NumPy, Pandas, Matplotlib, SciKit-Learn
- **Developer Tools**: Git, GitHub, VS Code, Jupyter Notebook
- **Databases/ Cloud:** OracleSQL

PROFICIENCY SKILLS

- **Web Development**
  - Full Stack Web Development with Database Management System.
- **Basic Concepts**
  - Object Oriented Programming in Python and C++.
  - DSA, Design and Analysis of Algorithms.

ACTIVITIES

- **Online Survey Management - Web Application**   *PHP, MySQL, HTML, CSS, JavaScript*

  Designed an intuitive online survey management platform, enabling users to effortlessly create and manage surveys tailored to their needs (Team of 2)   GitHub
  - Implemented features allowing a product manager to know people desires and preferences
  - Established personalized "User Dashboard" sections, offering an overview of active surveys and survey creation tools.
  - For each survey, including its purpose, target audience and submission deadlines.
  - Ensured data security and user privacy through appropriate authentication and authorization mechanisms.

- **Prediction of seat allocation in college – Data Science**   *Python, Random Forest classifier*

  Whether a person can get a seat in a particular college   GitHub
  - Utilized Random Forest Classifier for predicting seat allocation according to previous data.
  - The prediction will be done based on not only a single factor but on many factors.
- **Querying and Management of train information**   *C language, DSA*

  Adding/deleting train information and searching according their preferences.
  - Allows the user to interactively perform operations related to trains, such as listing trains based on different criteria and editing train details.
  - The program uses an infinite loop to continuously present the main menu for querying about train information until the user chooses to exit.

KEY COURSES TAKEN

- **Machine Learning**: Data Science
- **Computer Science**: Database Management System, Object Oriented Programming, Design and Analysis of Algorithms, Data Structures and Algorithms
- **Mathematics**: Probability, Linear Algebra, Discrete Mathematics, Differential Equations and Calculus