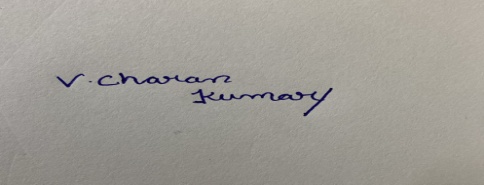
**Student Portfolio**

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| --- | --- |
| **V Charan Kumar** | |
| **C:\Users\Dell\Downloads\WhatsApp Image 2024-11-06 at 12.12.33 AM.jpeg** | **Register Number: RA2311056010002**  **Mail ID: cv7471@srmist.edu.in**  **Department: C.S.E(Data Science)**  **Year / Sem/ Section: 2nd year / 3rd sem/ AL-1** |
| **Subject Title: 21CSC201J Data Structures and Algorithms**  **Handled By: Dr. K.Rajkumar** | |
| **Email: charanvankala@gmail.com**  **LinkedIn: https://www.linkedin.com/in/charan-kumar-830153303?utm\_source=share&utm\_campaign=share\_via&utm\_content=profile&utm\_medium=android\_app**  **GitHub: https://github.com/Charankumar1122** | |
| **ELab Completion Status**    **C:\Users\Dell\Pictures\Screenshots\Screenshot (4).png**  **C:\Users\Dell\Pictures\Screenshots\Screenshot (4).png** | |
| **Lab Experiment Completion status**  **C:\Users\Dell\Downloads\WhatsApp Image 2024-11-06 at 12.01.37 AM.jpeg** | |
| **SOLVED REAL WORLD PROBLEM / CONCEPTUAL TASK**  **REAL WORLD APPLICATION IN DSA**  **BASIC BANKING SYSTEM**  **The primary goal is to develop a system that provides users with the following capabilities:**  **User Registration and Authentication:**  **Users can create accounts with unique identifiers and secure passwords.**  **Implement secure login procedures to protect user information.**  **Account Management:**  **Allow users to view their account balance.**  **Enable access to transaction history for better financial tracking.**  **Provide options to update personal details, such as contact information.**  **Transaction Management:**  **Facilitate deposits into user accounts with real-time updates.**  **Allow withdrawals with validation to ensure sufficient balance.**  **Enable fund transfers between user accounts, maintaining transaction integrity.**  **Report : https://drive.google.com/drive/folders/140Uxyt4OeMyWTAxOEHeZ7QedlMuWSP5q**  **OUTPUT:** | |
| **CERTIFICATIONS(Coursera/edX/etc.)**  **Include any online courses, workshops, or certifications related to Dat Structures and algorithms, problem-solving**  **C:\Users\Dell\Downloads\WhatsApp Image 2024-11-05 at 7.46.56 PM.jpeg** | |
| **NPTEL/HOTS QUESTIONS SOLUTION**  **Gate Questions link:** **https://drive.google.com/file/d/1C5V\_IeR-pt06nyjwWWPbzdP6rPmOEV27/view?usp=sharing** | |
| **CODING COMPETITIONS**  **Any notable rankings or achievements in coding contests**  **(e.g., LeetCode, CodeChef, HackerRank, Codeforces, ICPC)**  **C:\Users\Dell\Pictures\Screenshots\Screenshot (5).png**  **C:\Users\Dell\Downloads\WhatsApp Image 2024-11-05 at 7.50.31 PM.jpeg** | |

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**Signature of the Student**