

Karri Varshith Reddy

varshithreddy1206@gmail.com — LinkedIn — GitHub

Professional Summary

Computer Science Engineering student at IIITDM Kancheepuram with strong foundations in programming, Data Structures and Algorithms, Object-Oriented Programming, and problem solving. Experienced in developing software applications using C and applying core computer science concepts including data structures, memory management, and algorithm optimization. Interested in Software Engineering and scalable software development.

Education

Indian Institute of Information Technology Design and Manufacturing (IIITDM) Kancheepuram
Bachelor of Technology (B.Tech) – Computer Science and Engineering CGPA: 8.7 2025 – 2029 (Expected)

Sri Shirdi Sai Vidya Nikethan (CBSE)

Class XII: 91%

Future Kids School (ICSE)

Class X: 94%

Technical Skills

Programming Languages: C, C++, Java, Python

Computer Science Fundamentals: Data Structures and Algorithms, Object-Oriented Programming, Algorithms, Problem Solving, Time Complexity, Space Complexity

Tools: Git, GitHub, Visual Studio Code

Projects

Banking Management System — C — Data Structures GitHub

- Developed a console-based banking software application supporting account creation, authentication, deposits, withdrawals, and balance enquiry.
- Implemented a hash table with linked-list chaining for efficient account storage and collision handling.
- Applied dynamic memory allocation and structured programming concepts for efficient memory management.
- Added authentication features including login verification and PIN reset using user validation.
- Improved software design, debugging, and algorithmic problem-solving skills through project development.

Certifications

- Google AI Essentials
- Google Prompting Essentials
- AI Skills House Program – IICT, Government of India

Achievements

- JEE Main All India Rank: 22,250 (CRL)

Activities

- Practicing Data Structures and Algorithms problems.
- Exploring software development practices and system design concepts.