

# Tummalapalli Venkata Jayanth

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## SKILLS

- **Languages** : C++, JavaScript, Python
- **Frameworks** : HTML and CSS, Bootstrap, NodeJS, React
- **Tools/Platforms** : MySQL, MongoDB
- **Soft Skills** : Problem-Solving Skills, Team Player, Project Management, Adaptability
- **Marketing** : SEO, Content Marketing, SMM, Blog Designing
- **Other** : Cloud Computing, Data Structures and Algorithms

## INTERNSHIP

- **Board Infinity** **June 2024-July 2024**
  - **Project Overview:**
    - Developed a Library Management System using C++ and Data Structures & Algorithms (DSA).
    - Implemented efficient data handling with linked lists, trees, and hash tables for book management.
    - Designed features for book borrowing, returning, and user management with optimized search operations.
    - Focused on code efficiency and modular design to enhance scalability and maintainability.
  - **Tech stacks used:** C++ and DSA

## PROJECTS

- **Uber Clone** **November 2024 – January 2025**
  - Developed an Uber-like ride-hailing application using C++ and Data Structures & Algorithms (DSA).
  - Implemented graphs for mapping city routes and shortest path algorithms for optimal driver assignments.
  - Used priority queues to manage ride requests and hash maps for efficient user and driver data handling.
  - Designed features for ride booking, fare calculation, and real-time driver tracking with performance-focused data management.
- **VRG\_Word – Plant Marketing Website** **August 2024 – December 2024**
  - Social Media Marketing (SMM): Implemented strategies on Instagram, Facebook, and Blogger to increase engagement and reach.
  - Content Marketing: Created and optimized plant-related content to attract and retain users.
  - SEO & Google Analytics: Improved website visibility using SEO techniques and analyzed traffic insights with Google Analytics.
  - Growth Strategy: Developed and executed marketing campaigns to drive user acquisition and engagement.
- **Library Management System** **June 2024 - July 2024**
  - Developed a high-performance LMS in C++ using linked lists, hash tables, and BSTs for optimized book management.
  - Implemented efficient book lending, returns, and user tracking with priority queues for streamlined request handling.
  - Built a responsive UI with HTML, CSS, JavaScript, and ReactJS for an intuitive user experience.
  - Integrated Node.js backend with Express to manage API requests and facilitate seamless frontend-backend communication.

## CERTIFICATES

- NPTEL Cloud Computing **August 2024 – November 2024**
- Mastering Data Structure Algorithms using C and C++ **September 2023 – January 2024**
- Programming in C++: A Hands-on Introduction **May 2023 – August 2023**
- 100 Days of Code: The Complete Python Pro Bootcamp for 2023 **November 2022 – February 2023**
- Fundamentals of Management UCI Division of Continuing Education **November 2022 – December 2022**

## ACHIEVEMENTS

- **RASS - NGO**
  - Worked as a volunteer in RASS NGO for a week.
- **HACKATHON**
  - Participated in GFG Hackathon

## EDUCATION

- **Lovely Professional University** **Punjab, India**  
*Bachelor of Technology - Computer Science and Engineering; CGPA: 7.78* **August 2022-2026**
- **Narayana Junior College** **MR Palli, Tirupati**  
*Intermediate; Percentage: 90.8%* **April 2020 - March 2022**
- **Gautam Talent School** **MR Palli, Tirupati**  
*Matriculation; Percentage: 99%* **April 2009 - March 2020**