# Jayamangala Vamsi Ajay Krishna Sai

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## SKILLS

- **Languages**:       C++, JavaScript, C, PHP, Java
- **Frameworks**:      HTML and CSS, Bootstrap, NodeJS, ReactJS
- **Tools/Platforms**: MySQL, MongoDB
- **Soft Skills**:     Problem-Solving, Team Collaboration

## INTERNSHIP

- **Database Solutions – Database Management Specialist**                August 2022 -January 2023
  - Managed and optimized database systems to ensure high performance and data integrity
  - Designed and implemented robust database architectures and schemas
  - Developed and maintained complex SQL queries, stored procedures, and scripts
  - Collaborated with development teams for seamless application integration
  - **Tech: DBMS, C#, SQL**

- **Cipher Schools– Data Structures & Algorithms**                      May 2024 - July 2024
  - Developed efficient solutions to complex algorithmic challenges
  - Implemented and optimized various data structures including arrays, linked lists, trees, and graphs
  - Enhanced problem-solving skills through rigorous practice and competitive programming
  - **Tech: C++, Java, Data Structures Algorithms**

## PROJECTS

- **Royal Recipe – Online Restaurant Ordering Platform:**               September 2024 – November 2024
  - Developed a user-friendly restaurant ordering platform using React for frontend
  - Managed state with React Hooks to boost performance and scalability
  - Designed real-time inventory updates and order tracking for enhanced UX
  - Optimized for responsiveness across various devices
  - **Tech Stack:** React, JavaScript, HTML, CSS

- **Music Streamer – Online Free Music**                                March 2024 - April2024
  - Developed music streaming platform with Node.js ensuring seamless audio playback and user interaction
  - Utilized MongoDB for efficient data storage and retrieval
  - Integrated real-time streaming capabilities to enhance user experience
  - Implemented user authentication, music library management, and playlist creation
  - **Tech Stack**: React, JavaScript, HTML, CSS, Node.js, MongoDB

## CERTIFICATES

- Mastering Data Structures & Algorithms Using C and C++        December 2023 - February 2024
- HTML, CSS, and JavaScript for Web Developers                  April 2024 – May 2024
- Server Side JavaScript with Node.js                           April 2024 – May 2024

## ACHIEVEMENTS

- **Placed in the top 5 teams at the Polytechnic Annual Coding Exam:**
  Developed a real-time app and presented innovative solutions to industry challenges

## EXTRA-CIRRICULAR

- **Passionate sports enthusiast:**

  Competed in Karate tournaments, showcasing discipline, focus, and competitive spirit

## EDUCATION

- **Lovely Professional University**                                          Punjab, India
  *Bachelor of Technology - Computer Science and Engineering; **CGPA:7.1***     *July 2023 – July 2026*

- **A.A.N.M & V.V.R.S.R Polytechnic**                                         Andhra Pradesh ,India
  *Diploma; **Percentage: 94%***                                             *April 2020 - March 2023*

- **Sasi High School**                                                        Andhra Pradesh ,India
  *Matriculation; **Percentage: 93%***                                       *June 2019 - March 2020*