Nakka Vamsi Krishna

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# Skills

* **Languages**: C++, JavaScript, C, Python
* **Frameworks**: HTML and CSS
* **Tools/Platforms**: MySQL, MongoDB
* **Soft Skills**: Problem-Solving, Teamwork,Time Management

# Internship

**Board Infinity -Summer Training Internship** June - July2024

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* + Strengthened Data Structures and Algorithms proficiency, covering essential topics such as arrays, trees, and graphs.
  + Enhanced coding efficiency and problem-solving skills, preparing for competitive programming and technical interviews.
  + Gained experience in code debugging and writing optimized algorithms.
  + Implemented searching and sorting algorithms, optimizing excution time by 20%.
  + **Tech stacks used**: C++,VScode, Algorithm Libraries.

# Projects

#### Python – Age Calculator using Python: October 2023

* + Developed an application using the date-time module to calculate a user’s age based on birth-date input.
  + Implemented error handling for accurate and efficient results.
  + Optimized the calculation process, reducing execution time by 15%.
  + **Tech stacks used**: Python, PyCharm.

#### Board Infinity- Simple Library Management System: June – July 2024

* + Built a Library Manage System to track and manage 100+ books efficiently.
  + Implemented core functionalities: book addition, searcyh, issue/return, and deletion.
  + Optimized data handling using structs and classes to enhance performance by 30%
  + **Tech stacks used**: C++, VS Code, Data Structures.

# Certificates

## Cloud Computing - Swayam Nptel March 2025

* Generative AI - Coursera April 2024
* C++ Programming - (Coursera March 2024
* Mastering Data Structures & Algorithms using (C & C++) - Udemy May 2024

# Achievements

#### Secured All India Rank 1003rd: January 2018

Among 50k+ participants secured all India rank 1512 in Abacus Olympiad in school

* **Participated in District Level Cricket Tournament**: May 2023

Trophy Winners among 14 teams.

#### Education

**Lovely Professional University** Punjab, India

### Bachelor of Technology - Computer Science and Engineering; **CGPA: 6.00** Since August 2022

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**Narayana Junior College** Ongole, Andhra Pradesh

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### Intermediate; **Percentage: 90%** April 2020 - March 2022

**Trinity High School** Ongole, Andhra Pradesh

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### Matriculation; **Percentage: 98%** April 2019 - March 2020