

# Vanam Chandra Shekar Yadav

LinkedIn : <http://www.linkedin.com/in/vanamchandrashekar>

Email : [vanamchandrashekar@outlook.com](mailto:vanamchandrashekar@outlook.com)

Github : <https://github.com/vanam-chandra-shekar>

Mobile : 9059797051

## Skills

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Languages : C\C++ , Java , Python , JavaScript

Frameworks : HTML , CSS , React , NodeJS

Tools/Platforms : MongoDB , PostgreSQL , Premake5 , Cmake

SoftSkills : Adaptability , Time management , Creativity

## Training

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Programming Pathshala | *Data Structures & Algorithms*

Jun'24 – Jul ' 24

- Strengthened problem-solving skills through competitive programming and algorithmic challenges.
- Gained hands-on experience with arrays, linked lists, stacks, queues, trees, graphs, and recursion
- Improved time complexity analysis and optimized algorithms for better efficiency.

## Projects

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Scientific Expression Evaluator | *C++ , Recursive descent , parsing*

Apr'24 – May'24

- Engineered and executed a recursive descent algorithm to efficiently parse and evaluate scientific expressions.
- Boosted calculation throughput, enabling faster processing of complex scientific expressions.
- Performed rigorous performance testing to validate that the algorithm achieved throughput objectives.

Simple Task Management Application | *Htmx , Golang ,REST Api , docker, PostgreSQL*

Jun'24 – Aug'24

- Created the front-end interface using htmx, ensuring a responsive and intuitive user experience.
- Developed the back-end using Golang and PostgreSQL to handle task data storage and retrieval.
- Executed user testing to gather feedback and iteratively enhance the application's usability.

## Certificates

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Devops and software Engineering | *Coursera , IBM*

Sep'24 – Oct'24

MongoDB Database Admin by MongoDB |*MongoDB*

Nov'24 – Dec'24

## Achievements

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Capture The Flag (CTF) Participant – HACKATHON

Mar'24

- Conquered cybersecurity challenges involving cryptography, reverse engineering, and forensics.
- Secured a top 10 ranking among 100-120 participants in the competition.

LeetCode Achievement

Jan'25

- Earned LeetCode's "100-Day Streak" badge for consistent problem-solving.

## Education

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Lovely professional University

Punjab, Phagwara

- Bachelor of technology - computer science and Engineering CGPA : 7.7

Since Aug'22

Sri Chaitanya Junior college

Hyderabad, Telangana

- Intermediate , Percentage: 91.5%

Jun'20 – Mar' 22