

Dabbiru Sai Trishvan

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SUMMARY

A motivated and ambitious B.Tech Computer Science student with hands-on experience in Full-Stack Development and Machine Learning. Known for being a quick learner, team player, and adaptable to new challenges. Actively seeking opportunities to apply theoretical knowledge in practical settings through meaningful projects and internships.

WORK EXPERIENCE

Intern, Edu-net Foundation

Jun 2024 - Jul 2024

- Created a linear regression model to forecast employee burnout, emphasizing data preprocessing, cleaning, and exploratory data analysis (EDA).
- Improved model performance by adjusting hyperparameters and assessing metrics such as R-squared and Mean Squared Error (MSE).

PROJECTS

Raylib Chess

 [GitHub](#)

A full-fledged 2D chess game built in C++ using Raylib. Includes move validation, check/checkmate detection, and a built-in AI opponent using minimax with alpha-beta pruning. Features smooth UI rendering and keyboard/mouse input handling for a complete gameplay experience.

LuxeStream

 [GitHub](#)

A collaborative media streaming platform developed during a hackathon. Offers real-time video playback and streaming using React, Node.js, and MongoDB. Enables user sessions, interactions, and a modern UI.

VimOllama

 [GitHub](#)

A lightweight plugin to bring local Ollama AI model completions into Vim. Designed for async inline autocompletion using custom scripts. Optimized for speed and minimal interference with native Vim behavior.

EDUCATION

2022 - 2026	B.Tech in Computer Science, SRM University-AP	GPA: 7.5/10
2020 - 2022	Intermediate, Sri Chaitanya Junior College	Percentage: 84.3%
2019 - 2020	10th Grade, SSC	Percentage: 99.5%

SKILLS

Programming Languages: C++, JavaScript, Java, Python, HTML, CSS, PHP
Frameworks/Tools: Node.js, MySQL, MongoDB, React.js, Git

CERTIFICATIONS

- MongoDB Associate Node.js Developer – MongoDB University