

Sai Sasank Vindamuri

Bachelor of Technology in Computer Science and Engineering

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 2004-11-09

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PROJECTS

Deep Learning Research in Phishing Detection Models

11/2025 – Present

Tensorflow, scikit-learn, numpy

- Leading a college capstone project on implementing and testing cutting-edge research in new domains
- Demonstrated leadership skills, delegating work and playing to the strengths of colleagues
- Led a team through rough deadlines, difficult requirements, and hardware constraints
- Empirically proved efficiency of novel Deep Learning methods in the field of phishing detecting, achieving a precision of 99.70%
- GitHub: github.com/imsasankvindamuri/Phishing-Mail-Detection-With-CNNs ↗

Geometric Demonstration Tool for Teaching

01/2026 – 01/2026

HTML, CSS, Vanilla JS

- Created an interactive visualization of Ptolemy's Theorem to assist struggling students
- Created a clean, scalable API for geometric construction using native Canvas API
- GitHub: github.com/imsasankvindamuri/ptolemy-theorem ↗

Local-first Terminal-based Music Player

06/2025 – 07/2025

Python3, VLC, yt-dlp

- Created a local-first music playing client that interfaces with libvlc to locally play music and playlist
- Added integration with fzf to improve UX and provide a minimalist but functional interface
- Used the Rich module in Python to provide beautiful terminal interface
- Added integration to yt-dlp and FFmpeg via native Python bindings to allow for music download and organization
- GitHub: github.com/imsasankvindamuri/smsd ↗

Cross-Platform Diary App

12/2024 – 01/2025

Python3, SQLite

- Built a terminal-based poetry journal with terminal-based text editing. Handled real-time keyboard input via msvcrt (Windows) and later prompt_toolkit (Linux)
- GitHub: github.com/imsasankvindamuri/DiaryDefender ↗

TECHNICAL SKILLS

Python



SQL



Linux



Git



HTML + CSS +
Vanilla JS



SOFT SKILLS

Adaptability

Migrated project to Arch Linux to resolve critical compatibility issues, mastering Linux administration in 1 week despite zero prior sysadmin knowledge. Demonstrated rapid technical learning under tight deadlines.

Curiosity

Taught myself compiler and interpreter design from scratch.

Resilient Problem-Solving

Redesigned diary app architecture twice (low-level input → library-driven), scrapped 1 month's progress to meet self-imposed deadlines, prioritizing timeline over sunk costs.

Leadership Skills

Demonstrated leadership skills, delegating work and playing to the strengths of colleagues. Led a team through rough deadlines, difficult requirements, and hardware constraints.

INTERESTS

Advanced Math | Sanskrit | System Administration | Chess | Computing

LANGUAGES

English



Telugu



Hindi



EDUCATION

Computer Science and Engineering (IoT)

08/2022

GITAM Hyderabad, Telangana

Courses

- Data Structures and Algorithms
- Cryptography (Open Elective)
- Object Oriented Software Engineering
- SQL and Database Management
- Operating Systems

12th CBSE

07/2022

Kendriya Vidyalaya, No 1 Golconda Hyderabad Tl (59502)

Percentage: 71.17%

10th CBSE

07/2020

Amritha Vidyalayam, Mahindra Hills, Secunderabad (57567)

Percentage: 83.20%