

Lalitha Taruna Mulugur

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EDUCATION

Bachelor of Engineering (B.E), Computer Science & Engineering 2022 - 2026
Chaitanya Bharathi Institute of Technology, Hyderabad CGPA - 9.78

Higher Secondary Education (12th) 2020 - 2022
Sri Chaitanya Junior College Percentage - 98.3%

SKILLS

Programming Languages : Java, Python, JavaScript, C

Web Development : HTML, CSS, ReactJS, Express.js, Node.js

Database : SQL, MongoDB, OracleDB

Languages : English, Telugu, Hindi, Tamil, French

PROJECTS

[Online Voting MERN Website ↗](#)

Aug 2024 - Present

Developing an online voting website using the MERN stack for my community. It features Admin accounts to manage elections and voter registrations while Voter accounts allow users to cast votes. The backend is complete and currently working on the front-end design.

[Voice Controlled MacOS App Launcher ↗](#)

Aug 2024 - Present

Basic application launcher which opens any Mac OS application with the '.app' extension, Utilises the Mac OS 'say' command to convert text to speech and 'speech recognition' Python library to recognise user's voice with Google Speech Recognition API. To end the program user must say 'goodbye'. The next phase is to make it perform certain tasks such as take notes while being dictated.

[NEO Hazard Prediction ML Model ↗](#)

Jul 2024 - Present

Developed an ML model using IBM Cloud (Watson Studio and Auto AI) with the Extra Trees Classifier to predict asteroid danger. The model is deployed in a web app utilizing real-time data from NASA or user-provided data. The next step is to expand the dataset to include objects orbiting other planets.

[Connect Four Game ↗](#)

Jan 2024

Developed a two player game using Java and JavaFX featuring a grid based board where players insert discs into its columns. If a player aligns four discs vertically, horizontally, or diagonally they win the game.

CERTIFICATIONS

[Core Java ↗](#)

Nov 2023 - Jan 2024

Internshala Trainings

Successfully completed an 8-week online certified training on Core Java, scoring 100% in the final assessment and being a top performer. The training covered Java basics, OOP, and app development.

[Problem Solving Through Programming In C ↗](#)

Jul 2023 - Oct 2023

NPTEL Online Certifications

Successfully completed a 12-week certified course on Problem Solving Through Programming in C, scoring 92%. The course covered algorithms, conditional branching, iteration, recursion, functions, arrays, pointers, and matrix operations.