

Adithya Gella

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3rd year B.E/B.Tech Computer Science student at Chaitanya Bharathi Institute Technology with excellent academic record and graduating in 2026. Passionate about learning new technologies, with a keen interest in expanding knowledge and staying at the forefront of emerging trends. Eager to apply skills and contribute to the dynamic and ever-evolving field of technology

Education

B.E/B.Tech Computer science and engineering

2022-26

Chaitanya Bharathi Institute Of Technology, CGPA – 9.18/10(current)

12th(Senior Secondary Examination)

2020-22

APBIE, 91.1% TSEamcet – 1020

10th (Secondary Examination)

2020

CBSE Board, 90%

Technical Skills

- Programming Languages – Python, c, Java
- OOPs – Object-Oriented Programming
- DSA – Data Structures And Algorithms
- Database Management And systems – MongoDB, Oracle SQL Developer,Sqlite3,MySQL
- Web Technologies – HTML, CSS, JavaScript, Nodejs, ReactJS, ExpressJs, Bootstrap

Academic Projects

Return Right(Lost & Found Reporting Website)

- Developed a dynamic website using HTML, Bootstrap, CSS, and JavaScript.
- Implemented user-friendly forms with validation to ensure accurate submission of information, resulting in a 95% reduction in submission errors.
- Enhanced user experience with a responsive design and interactive features, leading to a 64% increase in user engagement.
- Streamlined the reporting process, enabling seamless navigation and efficient reporting.

Personal Portfolio Website

- Designed and developed a personal portfolio website using HTML, CSS, Bootstrap, and JavaScript.
- Showcased projects and achievements with a visually appealing and interactive design, leading to a 50% increase in viewer engagement.
- Implemented responsive design principles to ensure optimal viewing across various devices, improving mobile user experience by 30%.
- Integrated contact forms with validation to facilitate seamless communication with potential employers and collaborators.

House Price Prediction Model

- Built a machine learning model in Python to predict house prices based on various features such as square footage, number of bedrooms, and location.
- Utilized regression algorithms and techniques to train the model on a dataset of historical housing data, achieving an R-squared score of 0.73.

- Fine-tuned model performance using cross-validation and hyperparameter tuning, improving prediction accuracy by 20%.
- Collaborated with mentors to ensure best practices and optimal model development.

Door Locking System Using RFID Reader and Arduino

- Designed and implemented a door locking system using an RFID reader and Arduino microcontroller, enhancing security measures with an accuracy rate of 99%.
- Integrated **RFID** technology to wirelessly retrieve encoded information from tags, ensuring seamless user authentication and access control.
- Successfully developed and tested the system, achieving a 95% reduction in unauthorized access incidents.
- Utilized Arduino programming and RFID protocols to establish reliable communication and verification processes.

Certifications and Courses

- **Programming using Java** from Infosys Springboard
- **Machine learning** from Internshala learnings
- **Programming in C** from NPTEL
- **Software Engineer Intern Certificate** from HackerRank

Achievements

- Secured a rank of **1020** in the TS EAMCET placing in the top percentile of over 100,000 candidates.
- Represented 74 students as the class representative, facilitating communication between students and faculty and addressing academic and administrative concerns effectively.

Extra-curricular Activities

- Junior Developer at CBIT Open Source Community, contributing to various open-source projects and enhancing collaborative coding skills.
- Captain of the CSE cricket team, leading the team to multiple victories and fostering teamwork and sportsmanship.
- Core Committee Member of the CBIT Photography Club, organizing events and managing club activities.
- Active Member of the NSS (National Service Scheme) Club, participating in community service and outreach programs.
- Head of the Technical Team for CBIT CSE Headstart, overseeing technical aspects and ensuring smooth execution of events.

POSITIONS OF RESPONSIBILITY

- **Junior Dev** at CBIT Open Source Community : As a active member organized OpenSys 2024, GSoC Awareness Session
- **Class Representative:** Facilitated communication between students and faculty, addressed academic and administrative concerns.
- **Core Committee Member, CBIT Photography Club:** Organized events, managed club activities, and promoted photography as a creative outlet.
- **NSS Club Member:** Engaged in community service activities, participated in outreach programs, and contributed to social causes.

Hobbies

- Playing FPS games
- Photography
- Editing
- Playing cricket
- Watching Formula1

Details

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