

# Anand Sai Lattala

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## EDUCATION

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### Gandhi Institute of Technology and Management

*Bachelor of Technology - Computer Science and Engineering; CGPA: 8.02*

Visakhapatnam, India  
September 2022 - Present

**Courses:** Operating Systems, Data Structures, Analysis Of Algorithms, Artificial Intelligence, Machine Learning, Networking, Databases, Software Engineering, Computer graphics, Human Resource Management, Computer Organization and Architecture.

## SKILLS SUMMARY

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- **Languages:** Python, C++, JavaScript, SQL, Java
- **Libraries and Frameworks:** Scikit-learn, TensorFlow, Keras, OpenCV, Flask, Node.js, react.js, Express.js
- **Technologies:** Software development, Full stack development, HTML, CSS, MySQL
- **Platforms:** Linux, Windows, Arduino
- **Soft Skills:** Leadership, Event Management, Public Speaking, Time Management
- **Data Structures & Algorithms:** Proficient in solving problems using arrays, stacks, queues, trees, graphs, dynamic programming, and algorithms
- **Design Tools:** Canva, Figma, DaVinci Resolve

## EXPERIENCE

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### Readly.io

*Software Development Intern*

Remote

August 2024 - Present

- Developed and optimized AI/ML solutions using Python, TensorFlow, and Scikit-learn, automating data analysis workflows, reducing processing time by 25% for 1000+ data entries.
- Assisted in building and maintaining web applications, improving website performance by 20% and boosting user engagement by 25% through HTML, CSS, JavaScript, and React.js.

### BMARG INNOVATIVE SOLUTIONS

*Software Development Intern*

Remote

January 2025 - Present

- Developed a full stack web application where users connecting with professional health service providers. Integrated real-time booking, secure payments and user ratings, improved accessibility and efficiency for over 5000+ users. It includes the login for Patients, doctors, service providers and Admin.
- Implemented authentication, user dashboards, and an interactive UI with responsive design, optimizing accessibility and user engagement.

## PROJECTS

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- **Gesture Recognition Model:** Developed a machine learning model for gesture recognition using OpenCV with 90% accuracy on a dataset of 1,500 images, focusing on reliable and precise gesture detection.
- **Full Stack Website for Curehouzz:** Designed a Full fledged website for a startup called Curehouzz, a healthcare platform using React.js, Tailwind CSS, Node.js and express.js.
- **Advanced Proxy Detection for Online Exams/Interviews:** Developed an advanced proxy detection system using face-api.min.js and JavaScript, achieving accurate detection of dual voices, unauthorized appearances, and eye gaze patterns.

## CO-CURRICULAR ACTIVITIES

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- Managed as Core Team Lead in 2024 in the GITAM Aero Astro Club, affiliated with MIT Boston.
- Participated in the NVIDIA Codeathon, applying CUDA programming to accelerate GPU performance by 35% for real-time data processing.. [Certificate](#)
- Served as Designer in 2023-24 in the GITAM Model United Nations Club(GMUN).
- Selected and Attended for the Computer Graphics and Computer Vision Summer School hosted by IIT Delhi among 1,000+ applicants nationwide. [Certificate](#)
- Organized the GITAM Model United Nations 3.0 Conference with a team, coordinating activities for over 60+ delegates on 19th & 20th October 2024.
- Competed in technology challenges, securing a spot in the top 10 for technical innovation in IIT Kanpur's Techkriti Event.

## CERTIFICATIONS

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- [Data Science for Engineers – NPTEL](#)
- [Python Data Structures – University of Michigan, Coursera](#)
- Full Stack Web Development Bootcamp – Udemy