Chaithra Thanugula

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EDUCATION

2022 - present	**Chaitanya Bharathi Institute of Technology, Hyderabad**	(CGPA: 9.16/10.0)
	Bachelor of Engineering in Computer science	
2020	**Sri Chaithanya Junior College, Hyderabad**	(98.6 percent)
	Class 12th, State Board	
2018	**Tejaswi High School, Warangal**	(CGPA:10.0/10.0)
	Class 10th, SSC Board	

PROJECTS

Portfolio Website   [view it here]

- Created a personal portfolio website using HTML, CSS, and JavaScript to showcase my projects, skills, and experience. Deployed it using GitHub Pages for easy online access and professional presentation**.**

Profit Predictor: Advanced Sales Forecasting with Machine Learning   [view it here]

- Developed a predictive model using Random Forest Regressor to forecast sales, achieving 85% accuracy. Responsibilities included data preprocessing, model development, and performance evaluation using Python and scikit-learn.

Ethical Hacking and Vulnerability Analysis   **(**Currently working on**)**

- Demonstrated proficiency in web application security by identifying and reporting 15+ vulnerabilities, including XSS and SQLi, using Testfire.net and Juice Shop, producing detailed reports and PoC videos.

Digital Forensics and Cybercrime Investigation   **(**Currently working on**)**

- Conducted forensic analysis on digital media, creating detailed forensic reports. Presented findings in a simulated legal environment. Studied and explained the basics of cybercrime investigation, GDPR, HIPAA, and data protection laws, and analyzed relevant case studies.

CERTIFICATIONS

- Earned a certification in Career Essentials in Generative AI by Microsoft and LinkedIn.
- Earned a certification in Artificial Intelligence and Machine Learning by YBI Foundation
- Earned a certification in Java foundation form Infosys Springboard.
- Earned a certification in Cybersecurity and Ethical hacking from Rinex Educational Technologies.

SKILLS

- **Programming Languages:** Python, Java(basic)
- **Technical Skills:** HTML, CSS, JavaScript(basic), Node.js(basic), React.js(basic)
- **Course:** Data Structures, OOPs, Database Management System, Operating Systems
- **Soft Skills:** Communication, Teamwork, Leadership, Public Speaking, Event Management

ACADEMIC ACHIEVEMENTS

- **Joint Secretary Documentation (SATARC-Cybersecurity Club of CBIT**)   [February 2025-Pre]
- **Executive Board Head for Documentation (NexIot CLUB)**   [November 2024-Pre]
- **Executive Board Member (SATARC-Cybersecurity Club of CBIT)**   [August 2024-January 2025]
- **Junior Executive Board Member (IEEE STUDENT CHAPTER)**   [February 2023-2024]
  SHRUTHI 2024
    - Directed and managed logistics for a series of community outreach programs, resulting in a 25% rise in volunteer participation and a 30% increase in local business partnerships.
- **Silver Medallist**, Spelling Bee Competition   [2015]

    -Achieved second place in a highly competitive state-level contest, showcasing advanced language and memory skills.

· Recognized for outstanding performance and mastery in abacus skills up to Level 12.
· Achieved a top percentile score of 93% in Joint Entrance Examination conducted by NTA among over 500,000 students nationwide.
· Ranked among the top 0.25% out of 216,000 students in Engineering, Agricultural, and Medical Common Entrance Test, competitive exam.