

# Vishnu Teja Cheepati | Résumé

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## Summary

JNTUA fresher with strong analytical and problem-solving skills. Proficient in software design and eager to contribute to innovative projects. I possess excellent communication and teamwork abilities. Seeking challenging opportunities to apply theoretical knowledge and gain practical experience in the information technology field.

## Projects

- **SnappyCelebrations: Website for an Event Planning Startup** [December 2024 – February 2025]  
*Short description:* Developed a responsive and user-friendly website for SnappyCelebrations, an event planning startup, to showcase services and manage event bookings.  
*Technologies:* HTML, CSS, Bootstrap, JavaScript, Node.js, Express.js, MySQL  
**Key Achievements:**
  - Collaborated with a colleague to build the entire website from scratch.
  - Designed and implemented dynamic and responsive UI using Bootstrap and JavaScript libraries.
  - Built backend services with Node.js and Express.js, including efficient routing and secure form submissions.
  - Integrated MySQL for scalable and secure data management.
- **Cooking Fever: A website made with Node Js, Express Js** [August 2024 – October 2024]  
*Short description:* This website is for cooks ranging from beginners to advanced levels with capability of sharing recipes.  
*Technologies:* React Js, HTML, CSS, Node Js, Express Js, EJS, PostgreSQL  
**Key Achievements:**
  - Learnt how to design front-end styling using CSS and React
  - Learnt designing of backend using Node and Express js along with frameworks ejs, axios.
- **Speed Control of DC Motor Using Machine Learning Algorithms** [January 2024 – April 2024]  
*Short description:* Precise control of motor is essential in industries, electric vehicles etc. This project employs machine learning algorithms to find best solution for PID controller for precise control  
*Technologies:* MATLAB, MATLAB TUNER APP, Genetic Algorithm, Ant Colony Optimization Algorithm  
**Key Achievements:**
  - Employed evolutionary algorithms like Genetic Algorithm and Bee Colony Optimization for optimal solution finding.

## Skills

**Languages:** Java, Python, JavaScript, HTML, CSS  
**Frameworks:** Bootstrap, NodeJS, ExpressJS, Axios, EJS  
**Database:** MySQL, PostgreSQL, MongoDB  
**Key Skills:** Problem Solving, Time Management, Team Collaboration, Adaptability

## Education

<b>Jawaharlal Nehru Technological University, Anantapur</b> <i>B.Tech in Electrical and Electronics Engineering,</i> First Class with Distinction CGPA:8.65 Percentage:81	2020–2024
<b>Sri Sai Krupa Junior College, Dharmavaram, Anantapur</b> <i>12th Standard,</i> CGPA:9.94 Percentage:96.4	2018–2020
<b>Sadhana E.M High School, Dharmavaram, Anantapur</b> <i>10th Standard,</i> CGPA:10.0 Percentage:95	2017–2018

## Certifications

**Ongoing:** Cybersecurity Certification – ISC2  
**Completed:** Web Development Certification – Udemy

## Interests

- Cybersecurity  
- Blockchain