

VAISHNA C BHANU



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OBJECTIVE

To work in a challenging and supportive environment where I can dedicate myself to continuous learning, contribute to organizational goals, and grow both personally and professionally with a focus on quality.

PROJECTS AND INTERNSHIPS

- **Enhancing Network Performance using Advanced Load Balancing Techniques for 5G Software Defined Networking (Master's Project)**

Proposed a Deep Reinforcement learning approach to evenly distribute the data in the network.

- Created virtual network using Mininet and Ryu controller.
- Load Balanced using Multi- Agent Deep Q- Network.

- **Underwater Mine and Rock Prediction by Evaluation of Machine Learning Algorithms (B.Tech Project)**

Detecting Rocks and Mines present underwater using Classification Algorithms.
Technologies Used: Python, Machine Learning.

- The data collected is cleaned and prepared for evaluation.
- Performed Exploratory Data Analysis (EDA).
- On basis of characteristics of data, accuracy, and performance of the whole system models were chosen.

- **Netflix Clone**

Cloned Netflix Landing page using HTML, CSS, and JavaScript.

- **Zomato Clone**

Designed Zomato Landing Page using HTML and CSS.

- **INTERNSHIP at Visakhapatnam Port Trust (VPT)**

- Period: 4 weeks
- Inspected the official website of VPT (<https://vizagport.com/>) and documented reports. Rectified mistakes and missing content.
- Documented data regarding the 12 major ports of India, compared with the Visakhapatnam Port Website.
- Uploaded data regarding the official circulars to the website.

EXPERIENCE

Institute Name	Date of Joining	Date of Leaving	Subjects Taken	Designation	Salary
Gayatri Vidya Parishad College of Engineering(A)	October 2023	April 2025	C, C++, DSA, Advanced Python, JAVA, IT Workshop, DBMS, AI	Institute-Fellowship	Rs.8000 pm

JOURNAL/CONFERENCE

- “Enhancing Network Performance: Load Balancing Using Multi-Agent Deep Q-Network for 5G Software Defined Networking”, International Journal of Computer Network and Information Security (IJCNIS), MECS Press, Indexed-SCOPUS (**Under Review**).

EDUCATION

Institute Name	Course	Board/ University	Year of Passing	Grade
Gayatri Vidya Parishad College of Engineering(A)	M.Tech in Computer Science Engineering	AU	2025	8.8
Andhra University College of Engineering for Women	B.Tech in Computer Science & Systems Engineering	AU	2022	8.17
Sri Chaitanya Junior College	Math, Physics, Chemistry	Intermediate	2018	9.67
Ashreya EM School	10 th	SSC	2016	9.5

SKILLS

- Languages Known: C, C++, Python
- Database: MySQL
- Web Technology: HTML, CSS

PERSONAL DETAILS

Date of Birth: 18-06-2001

Languages Known: English, Telugu, Malayalam, Hindi

Mother's Name: Thaliyan Sreeja

Father's Name: Chaladan Chandrabhanu

Marital Status: Unmarried

Blood Group: A+