

# VAISHNA C BHANU



Visakhapatnam, Andhra Pradesh, India | [vaishnacbhanu@gmail.com](mailto:vaishnacbhanu@gmail.com)

## OBJECTIVE

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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

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- **Enhancing Network Performance using Advanced Load Balancing Techniques for 5G Software Defined Networking**
  - Implemented a Multi-Agent Deep Q-Network (MADQN) based load balancing approach to intelligently and evenly distribute traffic across the network.
  - Technologies Used: Ubuntu, Mininet, Python, Ryu Controller, Deep Learning.
- **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.
- **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

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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

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- “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

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Institute Name	Course	Board/ University	Year of Passing	Grade
Gayatri Vidya Parishad College of Engineering(A)	M.Tech in Computer Science Engineering	AU	2025	9.06
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 <sup>th</sup>	SSC	2016	9.5

## SKILLS

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- Languages Known: C, C++, Python
- Database: MySQL, MongoDB
- Web Technolgy: HTML, CSS, JavaScript, PHP

## PERSONAL DETAILS

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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+