



# Muddulur Chetana

B.E. in CSE @ JSSATE, Bangalore, IN

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## EDUCATION

Degree/Certificate	Institute/Board	CGPA	Year
B.E. (CSE)	JSS Academy of Technical Education, Bengaluru	9.11	Dec 2022 - Present
Intermediate	Sri Chaitanya Jr College, Hyderabad / State Board	9.96	June 2020 - June 2022
Secondary	Indian Public School, Tirupati / State Board	10.0	Mar 2019 - Mar 2020

## TECHNICAL SKILLS

- **Programming:** C, C++, Python, Java
- **Database:** MySQL
- **Data Visualization:** Tableau
- **Web Development:** HTML, CSS, Javascript, PHP
- **Cloud:** Google Cloud Platform
- **Misc:** MS Office Suite, Google Sheets

## EXPERIENCE

- **InternPe**  
*AI/ML Intern* *Feb 2025 - Mar 2025*
  - Practical experience in designing and testing machine learning models on real-world datasets.
  - Improved on in-theory concepts of AI/ML core principles such as data preprocessing, model training, and performance optimization through Python and Scikit-learn.

## PROJECTS

- **Faux Hate Speech Detection (Ongoing)** *Feb 2025 - Present*  
*A project to improve content moderation through the detection of faux hate speech in entertainment media*
  - The basic objective is to detect and analyze which patterns mimic hateful discourse, such as faux hate towards other using a well-structured dataset and advanced NLP techniques.
  - Involved sentiment analysis, linguistic modelling, and deep learning such that it optimizes the understanding of contexts in which detection works.
  - **Tools & technologies:** Python, Pandas, Scikit-learn, NLTK, SpaCy, Matplotlib, Seaborn, SQLite, WordCloud
- **CourseHunt | Hunt, Learn & Conquer** *Sep 2024 - Dec 2024*  
*A space on personalized learning and job recommendation paths about the user's skills and interests.*
  - Development of a totally integrated cross-database site that provides a personalized experience for users in recommending career paths according to a step-by-step roadmap.
  - All components of dynamic content rendering and UI have been integrated to provide seamless interfacing for the user.
  - **Tools & technologies:** Python, JavaScript, HTML, CSS, PHP
- **Hangman Game** *Aug 2023 - Sep 2023*  
*A hangman game based on python with extra features to keep tab on guessed letters and display them.*
  - Made a record of the letters guessed so far & even allowed timing of the guesses of letters already guessed once.
  - **Tools & Technologies:** Python

## KEY COURSES TAKEN

- Data Structures and Algorithms, Database Management Systems, Operating Systems, Computer Networks, Software Engineering, Object Oriented Programming, Web Technologies, Machine Learning & Artificial Intelligence, Algorithm Design and Analysis, Cloud Computing

## CERTIFICATIONS

- Strategy Formulation and Data Visualization by Indian Institute of Technology, Madras
- Machine Learning Specialization by Stanford & DeepLearning.AI (Coursera)
- Applying Lean, DevOps, and Agile to Your IT Organization, (LinkedIn Learning)
- Generative AI Fundamentals (Udemy)

## CO-CURRICULAR ACTIVITIES

- Participated in MeriLiFE: Massive Tree Plantation Drive by AICTE.
- Raised awareness about waste management in a school in RR Nagar, Bengaluru, as a part of NSS.
- Volunteer in Be your Own Boss program to handle registrations & feedback for the successful execution of the event.
- Volunteer Educator for Learn 2 Learn, teaching computer literacy and science to high school students.