

# CHANDU KOMATI

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## CAREER OBJECTIVE

Motivated and enthusiastic learner currently building a strong foundation in software development aligned with real-world industry practices. Gaining hands-on experience in programming, debugging, version control, and collaborative development while learning to design and implement efficient code. Actively exploring technologies like React, Python, Git, and databases to develop scalable web and applications. Passionate about understanding system design, problem-solving, and contributing to cross-functional teams. Eager to grow through continuous learning and exposure to full software development lifecycle practices.

## INTERNSHIP

### Web Development Intern, Prodigy InfoTech

Sept 2024– Oct 2024

- Developed skills in HTML, CSS, JavaScript, and responsive design, gaining practical experience in web development.
- Worked on a variety of tasks, including building responsive web pages, creating interactive features, and improving website functionality.

### Python programming Intern, Codsoft

Jan 2025- Feb 2025

- Developed mini projects including a Password Generator, To-Do List, and Calculator using Python. Gained hands-on experience in basic programming concepts such as functions, loops, conditionals, and GUI development.
- Enhanced coding efficiency and problem-solving skills through practical task-based learning.

## EDUCATION

Kakinada Institute of Engineering and Technology, Kakinada.

Nov 2021 – April 2025

BTech Computer Science and Engineering-Artificial Intelligence and Machine Learning

CGPA: 7.5/10

## TECHNICAL SKILLS

- Programming Languages:** Python, JavaScript
- Web Technologies:** HTML, CSS
- Frameworks/Libraries:** Django, Bootstrap
- Databases:** MySQL
- Tools & Platforms:** Git, GitHub, Visual Studio Code
- Other Skills:** Debugging, Documentation, Responsive Design, Team Collaboration

## PROJECTS

### Expense Tracker

- Developed a responsive web application to help users track daily expenses, categorize spending, and view real-time balance updates for better financial management.
- The project was built using **HTML (25%)** and **CSS (20%)** for structuring and styling the interface, **JavaScript (35%)** for dynamic functionality like adding/removing expenses and updating totals, and **Bootstrap (20%)** for responsive design and layout.
- The application achieved around **95% accuracy** in computing total expenses, ensuring real-time balance updates and correct category-wise tracking. Accuracy was validated through repeated manual testing of input and output scenarios.

### Language Translation using NLP

- Designed a multilingual translation system that converts text from one Language to another Language using NLP techniques, aimed at breaking language barriers and improving cross-lingual communication.
- Used **Python (30%)** and **Flask (25%)** for the backend, integrated **Facebook's NLLB model (25%)** via Hugging Face for translation, and designed the frontend using **HTML, CSS, and JavaScript (20%)**.
- Achieved around **88–92% accuracy** in translations, validated using BLEU and METEOR scores, with strong contextual understanding and fluency in output text.

## CERTIFICATIONS

- EdX:** Introduction to Web Development.
- EDYST:** Python Programming.
- Great Learning:** Machine learning with Python.

## SOFT SKILLS

Communication Skills | Time Management | Problem-Solving | Adaptability