

# CHANDU KOMATI

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## CAREER OBJECTIVE

Motivated Computer Science graduate with a strong foundation in Object-Oriented Programming concepts and software development principles. Skilled in designing workflows, analyzing requirements, and applying logical problem-solving to build efficient solutions. Hands-on experience with programming technologies including JavaScript, HTML, CSS, and SQL, with growing exposure to modern frameworks and SDLC practices. Passionate about continuous improvement through debugging, performance testing, and adapting to new technologies.

## EDUCATION

Kakinada Institute of Engineering and Technology, Kakinada.

May 2021 – May 2025

B.Tech Computer Science and Engineering-Artificial Intelligence and Machine Learning

CGPA: 7.5/10

## TECHNICAL SKILLS

- **Programming:** Python, SQL
- **Frontend:** HTML, CSS, JavaScript, ReactJS, Bootstrap
- **Backend:** Flask
- **Database:** MySQL
- **Tools:** Git, GitHub, Visual Studio Code
- **Core Skills:** Responsive Design, Debugging, Documentation, Team Collaboration

## SOFT SKILLS

Communication Skills | Time Management | Problem-Solving | Adaptability

## PROJECTS

### Real-Time Chat Application using React and Firebase

- Built a responsive, real-time chat application using **React (Vite)** integrated with **Firebase Authentication** and **Firestore Database** for secure user login, data storage, and instant message synchronization across devices.
- Designed a modern UI using **Tailwind CSS**, featuring emoji support, message edit/delete options, message replies, and full mobile responsiveness for a seamless and engaging chat experience.

### Expense Tracker

- Developed a responsive web application using **HTML, CSS, JavaScript**, and **Bootstrap** to help users track daily expenses, categorize spending, and monitor real-time balance updates for effective financial management.
- Achieved **~95% accuracy** in total expense and real-time balance calculations through multiple rounds of manual input-output testing, ensuring reliable performance and smooth user interaction.

### Language Translation using NLP

- Designed a multilingual translation system using **Python, Flask**, and **Facebook's NLLB model** integrated via **Hugging Face Transformers**, with a frontend built using **HTML, CSS, and JavaScript** for enhanced accessibility and user interaction.
- Attained **90–95% translation accuracy**, validated through **BLEU and METEOR metrics**, ensuring strong contextual understanding and fluency in translated text for cross-lingual communication.

## INTERNSHIP

### 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.

### 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.

## CERTIFICATIONS

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