

# Kambala Chandu

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## EDUCATION

### National Institute of Technology Andhra Pradesh (NIT)

B.Tech in Electronics & Communication Engineering

Tadepalligudem

Sep 2020 - Aug 2024

### Vidya Vikas Educational Institutions

Senior Secondary (XII), Science

Jangareddygudem

Jul 2018 - Mar 2020

### Seventh-Day Adventist Higher Secondary School

Secondary (X) [ICSE]

Nuzvid

May 2018

## CERTIFICATIONS

- Java Programming.
- Python Programming.
- Frontend React.
- Cloud Computing in NPTEL.
- Introduction to Cyber Security in IGNOU
- Google Cloud Computing Foundations in NPTEL.

## TECHNICAL SKILLS

**Programming Languages:** Java, Python, JavaScript

**Web Development:** HTML, CSS, Bootstrap, Tailwind CSS, React.js

**Tools and Technologies:** Cloud Computing, Microsoft Azure, MS Office, Adobe Photoshop

## PROJECTS

### • Store Management System

Developed a user-friendly Medical Store Management System using Python and MySQL, streamlining billing, database management, and stock maintenance processes. Automated retail and wholesale operations, including discount calculations and revenue tracking, to optimize cash flows and enhance efficiency. [source code](#)

### • Efficient-Multiplierless-FIR-Filter-Design-Minimizing-Adder Count-for-Optimized-Filtering

Developed an efficient multiplierless FIR filter using shift-add architecture and Multiple Constant Multiplication (MCM) technique to minimize power consumption and processing time. Optimized filter performance through comprehensive analysis of ripple-carry and sum-propagate adder architectures, resulting in a resource-efficient solution ideal for hardware-constrained applications. [source code](#)

### • Portfolio Website

A personal portfolio website showcasing my skills, projects, and experiences as a Frontend Developer. Designed and developed using **HTML**, **CSS**, **JavaScript**, and integrated with **Azure services** for deployment. Ensured a **responsive and interactive UI**, optimizing for performance and accessibility. Implemented **dynamic content sections** and a contact form using modern frontend frameworks. [source code](#)

## WORK EXPERIENCE

### CodeClause

Python Software Developer Intern

Remote Work

June 2023

- Designed and built a secure Random Password Generator using Python's random and string modules.
- Developed a calculator with a user-friendly interface for core arithmetic operations.
- Created a Speed Typing Test for accuracy and speed measurement using Tkinter and time modules.

### Academor

Cloud Computing Intern

Remote Work

Jul 2023

- Developed a Static Website using Azure Storage Services, showcasing employee data in structured formats.
- Configured Azure Load Balancer to distribute traffic efficiently and improve system reliability.
- Implemented an intelligent Azure Application Gateway to enhance performance across virtual machines.

### Bharat Intern

Data Science Intern

Remote Work

Aug 2023

- Developed an LSTM model for stock price prediction using historical data analysis.
- Built a classification model to predict Titanic survival based on multiple social and demographic features.