

# 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

- Core and Advance Java in Digital Lync.
- Python Programming in PR Softwares.
- Frontend React in Digital Lync.
- Cloud Computing in NPTEL.
- Introduction to Cybersecurity in IGNOU
- Google Cloud Computing Foundations in NPTEL.

## TECHNICAL SKILLS

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

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

**Cloud & Platforms:** Cloud Computing, Microsoft Azure, AWS (EC2, S3, IAM - basics)

**Soft Skills:** Problem Solving, Team Collaboration, Communication, Quick Learner

## 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

### Code Clause

Python Development Intern

**Remote Work**

*Jun 2023*

- Designed and built a secure Random Password Generator using Python's random and string modules.
- 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.