

# Kambala Chandu

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## SUMMARY

Electronics and Communication Engineering graduate from NIT Andhra Pradesh with hands-on experience in Java, Python, Cloud Computing, and Frontend Development. Completed internships in Python, Cloud, and Data Science, building real-world projects and deploying applications using Azure and AWS. Seeking an entry-level software or cloud engineering role.

## TECHNICAL SKILLS

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

**Frontend Technologies:** HTML, CSS, Bootstrap, Tailwind CSS, React.js

**Cloud Platforms:** Microsoft Azure, AWS

**Operating Systems:** Linux, Windows

**Tools & Version Control:** Git, GitHub, MobaXterm

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

## PROJECTS

- **Store Management System** (Python, MySQL)

Developed a medical store management system to automate billing, inventory tracking, and database management. Implemented retail and wholesale workflows with discount calculation and revenue tracking. GitHub

- **Multiplierless FIR Filter Design** (VLSI, Signal Processing)

Designed a power-efficient multiplierless FIR filter using shift-add architecture and Multiple Constant Multiplication (MCM) technique. Optimized adder structures for hardware-constrained environments. GitHub

- **Portfolio Website** (HTML, CSS, JavaScript, Azure)

Designed and deployed a responsive personal portfolio website showcasing projects and skills. Integrated Azure services for hosting and ensured performance and accessibility optimization. GitHub

## INTERNSHIPS / EXPERIENCE

- **Python Development Intern – Code Clause (Remote)**

Jun 2023

Built a secure random password generator using Python. Developed a speed typing test application using Tkinter for accuracy and performance measurement.

- **Cloud Computing Intern – Academor (Remote)**

Jul 2023

Deployed a static website using Azure Storage Services. Configured Azure Load Balancer and Application Gateway to improve traffic distribution and system reliability.

- **Data Science Intern – Bharat Intern (Remote)**

Aug 2023

Developed an LSTM-based stock price prediction model. Built a classification model to predict Titanic survival using demographic features.

## EDUCATION

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

Tadepalligudem

B.Tech in Electronics & Communication Engineering

Sep 2020 – Aug 2024

**Vidya Vikas Educational Institutions**

Jangareddygudem

Senior Secondary (XII), MPC

Jul 2018 – Mar 2020

**Seventh-Day Adventist Higher Secondary School**

Nuzvid

Secondary (X) [ICSE]

May 2018

## CERTIFICATIONS & ACHIEVEMENTS

- Core and Advanced Java – Digital Lync

- Python Programming – PR Softwares

- Frontend React – Digital Lync

- Cloud Computing – NPTEL

- Google Cloud Computing Foundations – NPTEL

- Introduction to Cybersecurity – IGNOU

- JEE Mains: AIR 98195, Category Rank 3786