

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)

B.Tech in Electronics & Communication Engineering

Tadepalligudem

Sep 2020 – Aug 2024

Vidya Vikas Educational Institutions

Senior Secondary (XII), MPC

Jangareddygudem

Jul 2018 – Mar 2020

Seventh-Day Adventist Higher Secondary School

Secondary (X) [ICSE]

Nuzvid

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