

# Chalivendra Tejaswi

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## Career Objective

Desire to work as an Embedded Engineer utilizing strong communication skills along with knowledge of C programming language to develop efficient and reliable embedded systems.

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## Experience

### Software Engineer Apprentice - Maxlinear Technologies Pvt. Ltd.

February 2024 – Present

- Developing WLAN applications for next-generation WiFi technologies (WiFi 7) focusing on IEEE802.11 standards.
- Gained experience with WiFi 7 features such as Multi-Link Operation (MLO) and Extremely High Throughput (EHT).
- Contributed to open-source communities by enhancing WLAN applications using HostAP.
- Worked extensively with Wi-Fi standards (IEEE802.11 a/b/n/ac/ax/be) and performed sniffer trace collection and analysis using Wi-Fi tools.

Working on various Opensource based Distributions of linux like OpenWRT ,PrplOS.

#### Technologies Used:

- o Languages: C, C++
  - o Protocols: SSH, TFTP, RDP, TCP/IP
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## Skills

- **Programming Languages:** C, C++
  - **Tools:** GIT, Wireshark, TCP dump
  - **Platforms:** Linux, Windows
  - **Bug/Code Tracking Tools:** Jira, Bitbucket
  - **Concepts:** Computer Networking, Operating Systems
  - **Communication Protocols :** UART,SPI,I2C,CAN
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## Education

### • JNTUA College Of Engineering

*B.Tech–Electronics and CommunicationEngineering; CGPA:7.7*

### • Narayana Junior College

*MPC ; CGPA:9.88*

### • Sri Netaji (M.S.R)Pilot High School

*CGPA:10.0*

Andhra Pradesh, India

*Aug2019 - May2023*

Andhra Pradesh, India

*May2017 - May2019*

Andhra Pradesh, India

*May2016 - Apr2027*

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## Projects

### Voting System

Online Voting System which ensures secure, fast, and convenient elections with SMS-based voter authentication and a centralized database.

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## Certifications

Post Graduate Diploma in Embedded System - Indian Institute Of Embedded Systems, Bangalore.

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## Areas of Interest

Embedded Systems

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