

ANKIT MEHRA

EMBEDDED SOFTWARE ENGINEER

CONTACT

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Uttarakhand, Dehradun

SKILLS

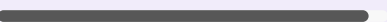
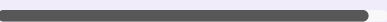
C
LINUX
Java
GIT /UART /I2C

EDUCATION

Lovely Professional University
Bachelor of Technology
Computer Science & Engineering
2017-2021
CGPA - 6.7

Bal Bharti public school
Intermediate (CBSE)
2015-2016
Percentage - 71.6

LANGUAGES

English 
Hindi 

PROFILE

Experienced of 2+ year in Embedded Software Development with good knowledge of C, Embedded C, C++ , Linux, kernel and possess good problem solving skills.

WORK EXPERIENCE

L&T Technology Services

Embedded developer

2022-present
Chennai

- Working on a **Linux** based Set-Top box named Tata Play.
- Working for development of **boot-loader** for Tata play set-top box.
- Implemented the USB download functionality under bootloader module for loader.
- Successfully resolved IR KEY issue for **Tata Play** remote by porting the necessary code changes.
- Worked on the **OTA download** issue to download the stream for loader.
- Worked on different memory partition to read and write in memory of set-top box using **nand-dumb & hex-dumb**.
- Implemented the different download mode OTA, Force, Advance, USB in set-top box.
- Verification of Device driver with kernel.

Associate Engineer

2021-2022
Chennai

- Worked on Set-Top box project named Jade DWI259X, which follows UART/ I2C serial communication protocol.
- I was responsible for image building, testing, **debugging** and code changes based on **Jira ticket** issues.
- Successfully done **sanity testing** for loader.
- Covered socket programming, IPC, thread, multi-threading, programming and DVB communication standards.

Cloud Analogy Internship

May,2021-August,2021
Mohali

- Primary responsibilities include design and develop a web application using React-Js JavaScript framework.
- As a lead developer, developed and test new web application.
- Learned about the software development life cycle, and to co-ordinate with the team.

Certification

Coding Ninja Java Certification

- Successfully completed the 6 months coding ninjas certification course.

Google

- Digital Marketing from Google.