

## EDUCATION

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- **National Institute of Technology Karnataka, Surathkal**  
*M.Tech in Communication Engineering & Networks; GPA: 7.44/10* 2021 – 2023
- **National Institute of Technology Andhra Pradesh**  
*B.Tech in Electronics & Communication Engineering; GPA: 6.83/10* 2015 – 2019
- **Narayana Junior College Hyderabad**  
*Mathematics , Physics & Chemistry; Telangana Board; Marks: 966/1000* 2013 – 2015
- **Krishnaveni High School**  
*10th Andhra Pradesh Board; GPA: 9.7/10* 2012 – 2013

## INTERNSHIP

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- **South Central Railway** Secunderabad  
*Intern* May 2018 – June 2018
  - **Responsibility** : Learned about the principles of Train traffic Control communication system, Emergency Communication, OFC communication network security arrangements and maintenance procedures used in Indian Railway System.

## SKILLS

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- **Languages:** C++ programming, Basics of Verilog.
- **Tools:** Cadence Virtuso, MATLAB, NI Multisim.

## PROJECTS

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- **M.Tech Major Project: Macro gesture recognition for mm-wave Radar data using Deep learning**  
**methods:** (Various human gestures are taken in the presence of 77GHz radar sensor and collected data has been used to plot range-Doppler(RD) maps. These RD's are further processed using convolutional neural networks with deep learning algorithms and results are quantified with mean square error and accuracy)
- **B.Tech Major Project:** Design of low power, high speed CMOS comparator using Cadence simulation software.
- **Other Key Projects:**
  1. Design and Analysis of Sub-6 Hz Low Noise Amplifier for 5G Wireless Systems. Objective is to achieve a high gain, low noise figure of proposed LNA using Cadence gdpk 180nm.
  2. Modelling and analysing the BER performance of OFDM MIMO system with 16 QAM using OSTBC for wireless communication based on MATLAB.

## ACHIEVEMENTS

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- Secured **State 17th Rank** in Sir C.V.Raman Talent Test, 2012 in Andhra Pradesh State.
- Won 1st price in Intramural **Volly Ball** in NIT Andhra.
- Won 1st price in Intramural **Basket Ball** in NIT Andhra.
- Attended 2 days workshop on "MATLAB and its applications to Electronics" organised by NITW.

## HOBBIES

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- Reading Non - Fiction books
- Playing Volly Ball, Badminton and Exploring Places.