

# ABHINAV KALVACHERLA

Hyderabad

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## OBJECTIVE

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Junior at IIIT Kottayam, seeking Machine Learning, Computer Vision internship roles.

## EDUCATION

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**B.Tech Electronics and Communication Engineering**, Indian Institute of Information Technology Kottayam  
2020 - 2024

**Senior Secondary(XII)**, Board of Secondary Education Telangana

2018 - 2020

## SKILLS

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**Technical Skills** C++, Python, Data Structures, Git, Machine Learning, Computer Vision, Image Processing, Matlab, Verilog, VLSI, IOT, Arduino

**Soft Skills** English, Telugu, Hindi

## EXPERIENCE

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**Computer Vision Intern**

Dec 2022 - Feb 2023

Sharda Technologies & Services

- Contributed to company's growth using Computer Vision, Image Processing, Machine Learning and Python programming skills.

## PROJECTS

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**Virtual Mouse.** Built a mouse which is operated based on the actions of fingers virtually.

**License Number Plate Detection.** Built a project that detects the number plate of vehicle and extracts the vehicle number out from the plate .

**Object Size Detection.** Built a project that detects the size of an object when kept at any variable distance from the camera.

**Hand Sign Recognition.** This project detects the signs represented by the hands.

**Text to Image.** This project is built to generate an image using the description given by user in the format of text. This is built using Stack GAN.

## EXTRA-CURRICULAR ACTIVITIES

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- Runner up - Embedded Challenge 3.0 conducted by IEEE RFID Council Kerala Section in association with CDAC.
- 3 Star coder at Problem Solving (hacker rank).
- Working with developer tools such as 8051 Microcontroller, MATLAB, IcarusVerilog 0.9.7, Mitsubishi GX Developer, CoDeSys.
- Qualified for Weldright techfest held by IIT Bombay Round 1 on Machine Learning.
- Participated in Android Basics In Kotlin by Google Developers Students Club - IIITK