# C:\Users\manju\OneDrive\Desktop\Resume\IMG_20220912_164829.jpgIMG_20220912_164829Manju Ayalli

**Phone:** (M) +918208350330

**Email**: [ayallimanju4@gmail.com](mailto:reshu2544@gmail.com)

**LinkedIn:** <https://www.linkedin.com/in/manju-ayalli-027968212>

**Project:** **Automatic number plate recognition system for toll collection using deep learning**

* The Automatic Number Plate Recognition (ANPR) is a system which is designed to help in recognition of vehicle number plates. The purpose of designing this system is to develop secure system. This system is based upon the image processing technology which involves the number of image processing algorithm.
* The ANPR system is to design an efficient automatic for Toll collection. In this system is a combination of image processing, edge detection and optical character recognition technologies used to identify vehicles by their Number plates.
* This system performs the various functions like number plate detection of vehicles, then processing them and using the processed data for storing and allows the vehicle to enter or reject the vehicle.
* Information is used for identification; this technology requires no additional hardware to be installed on vehicles.
* The Number plate recognition systems have two main points: the quality of ANPR software- Google Collaboratory with recognition algorithms Yolo v3, R-CNN, SSD used and the quality of imaging technology, including camera and lighting.
* The objective of this ANPR system is to design an efficient automatic vehicle number plate and used the system for various application like Toll collection, Parking System, border crossing, traffic control, stolen cars, etc.

**Project: Automatic voice controller car**

* This project was developed in a way that the robot is controlled by voice commands. An android application -BT Voice control for Arduino is used for required tasks. The connection between the android app and the vehicle is facilitated with Bluetooth technology. The robot is controlled by spoken commands of the user.
* The main motive to build a VCRV is to analyze the human voice and act according to the programmed commands. The most basic commands are backward, forward, right, left and also stop the robot.
* The project has applications in wide variety of areas such as military, home security, rescue missions, industries, medical assistance etc.

**Internship** June 2018 - August 2018, Verna, Goa

* Bosch formally now known as Syntegon.

**Online Courses**

* **IBM**: Data Analysis with Python
* **Infosys:** Data Analysis with Python
* **University of Michigan**: Data Science Ethics
* **Coursera Project Network**: Develop a Company Website with Wix

**Qualification**

* BE Computer science Engineering (1st-6th sem -First class, batch 2018-2022) RIT, Goa.
* Diploma in Electrical and Electronic Engineering (First class,2015-2018) GPC, Goa.

**Technical Skills**

* **Programming:** C, C++, Python, Java, Data Structure, HTML, CSS, Java Script, PHP, Node gs, and Algorithms
* **Libraries & Framework:** TensorFlow, PyCharm, Pandas, NumPy
* **Industry Knowledge:** Machine Learning, Deep Learning, Natural Language Processing, Data Analytics, Blockchain Development.

**Personal Details:**

Name : Manju R Ayall

Date of Birth : 5 November 2000

Address : H. No 261/40, Tony Nagar, Sanvordem, Goa.

Languages : English, Konkani, Hindi, Marathi

Hobby : Playing badminton, cricket, football, travelling etc.

**DECLARATION:**

“I do hereby certify that the above information furnished by me is true to the best of my knowledge”.