

# Prajwal Raju P

[LinkedIn](#) [GitHub](#) [Portfolio](#)

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## Education

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- **Dayananda Sagar University** Bangalore, India  
Bachelor of Technology in Electronics and Communication: CGPA: 6.57/10 Jun 2017 – Jul 2021
- **Carmel PU College** Bangalore, India  
Pre-University in Electronics: Grade: (54.67/100) Apr 2015 – Mar 2017
- **SJR HIGH School** Bangalore, India  
High school: Grade: (60.00/100) Apr 2014 – Mar 2015

## Internships

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- **SIXINTERN** Bangalore, India  
Full-stack Intern Feb 2021 – Present
  - Built and deployed a Server-side Rendering (SSR) website for the company Sixintern using **Node Next.js** for front-end and **Firestore** as a back-end server. The website facilitates hiring and maintaining employees of the company. Increasing the productivity of by 25%. ([website](#))
- **SPACE RENAISSANCE INDIA CHAPTER** Bangalore, India  
Research Intern Apr 2020 – Jun 2020
  - Researched on different Robust Control Methods for Rigid Robots and publishing the paper in the International Journal of Emerging Technologies and Innovative Research (JETIR). ([Link to the Paper](#)) ([Certificate](#))

## Published Journal

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- Prajwal Raju P, Poojashree B, Darshan Halliyavar, and Sourav Karmakar. "Analysis of Robust control methods for rigid robots". International Journal of Emerging Technologies and Innovative Research ([www.jetir.org](http://www.jetir.org)), ISSN:2349-5162, Vol.7, Issue 10, page no.475-483, October-2020, Available:( [Paper](#) )

## Projects

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- **Ecommerce Website for Gold sale (React)**: Built an online management database with a Static website using React to display a client's previous goldwork and also act as a platform to showcase new designs in the industry. The ability to handle over 1000 clients at once, which increased the productivity of the client up to 40%. ([Website](#))
- **Unmanned Ground Vehicle for Agriculture Applications (CNN, Computer vision)**: Developed a bot that navigates through farm fields (poly house) with the help of NVIDIA Jetson Nano as the main computing unit and a **Conventional neural network** for computer vision that uses about **300 Custom datasets**. ([Project Files](#))
- **Sign to Speech using flex sensors (NLP, Embedded)**: Built a device to track position and gestures of human hand (Sign language) using an array of **embedded** sensors and convert it to human understandable speech in near **real-time** using NLP. ([Project Files](#))
- **RTOS Chatbot website Using Google Dialogflow (Dialogflow, Bootstrap)**: Built a Dynamic website with chatbot features utilizing Dialogflow API. Designed to help our fellow classmates which provides all the details of the particular subject. With the ability of handling more than **1000 clients at once**. ([Website](#))
- **Ferrari Stefanelli multiplier (VHDL)**: implementation of advanced Ferrari Stefanelli Multiplier using multiple Full and Half adders in **Verilog Description Language**. ([Project Files](#))
- **WhatsApp Chat logger (Electron)**: Developed windows application using **Electron** which Backups all the messages and media in WhatsApp web and stores it in the local Computer. ([Project Files](#))

## Technical Skills

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- **Programming Languages**: Python, C++, JavaScript
- **Web Development**: React, Next.js, HTML, CSS
- **Familiar With**: Dart
- **IT Constructs**: DS and Algorithms, OOPS, and OS
- **Frameworks**: Flutter, Dialogflow, Firebase
- **DB language**: MySQL
- **Others**: Machine Learning, TensorFlow, GitHub