Rishi Kiran Bandlamudi

B.Tech - Electronics and Communication Engineering

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📍 K L University, Guntur.

Career Objective

To be a part of an organization which provides me an opportunity to utilize my skills for the growth of the company and myself.

Skills

C Programming	**HTML**
NI Labview, NI Multisim	**Verilog HDL**
Embedded Electronics	**Designing** Photoshop, Light room

Internship

2022 — **VLSI Design Intern**
1-stop Training Platform
In this two months of Internship I was worked very hard to complete my Job. Where, I completed VLSI Design Internship by completing d three projects in that Internship period:
1. Verilog HDL implementation on FPGA
2. UART communication to print a single character
3. Mealy & Moore Machines and Up Down Counter

Education

2020 – 2024 — **Bachelor's of Technology**
K L University, Guntur
8.15 / 10 CGPA

2018 – 2020 — **Intermediate**
Board of Intermediate Education Andhra Pradesh
7.94 / 10 CGPA

2017 – 2018 — **Secondary Schooling**
K C High School
8.3 / 10 CGPA

Projects

2022 – 2022 — **Smart Car Parking Unit**
In this project, By using ESP 8266 developing module and IR Sensor as major components I connected to different components like DC motors to controls the parking slot doors. And to check all activity working time we linked our prototype to self designed web page by using Visual studios platform where every progress will reflect in the way like in that web page we can know the empty slots and parked slots availability.

2022 – 2022	**Industrial Automation**
	In this project, By using ESP 32 developing module and Relay module as major components I connected to different Appliances there we control that Appliances by using manual Buttons and as well as Mobile by using Bluetooth mechanism. And to check all appliances activity working time we linked our prototype model to Things-speak platform where every progress will replicate there.
2022 – 2023	**Number plate detection**
	In this project, I used Python to code the AI model where I collected more number of sample sets to train the AI model and, used Edge Detection algorithm to perform the License plate Number Detection if there is any kind of different fonts used it deny the access to permit the License plate of the vehicle.

Certificates

Tessolve VLSI Design and Verification
Level 1 & Level 2

NI Clad Certification
Level 1

Organizations

2020 – present	**PULSE**
	ECE Student Body
	The Pulse is the student Body of ECE where the each and every student of ECE can take a part in it on there own interests. I joined in this student body which helps me to increase my inherent personal skills and I adopt so many of Leadership Qualities and increased my ability to work better for team, Being a part of this Student body We conducted many number of Techno-fests, Hackathon and other department fests where currently I taken my part as CHEIF for the Broadcasting wing for PULSE.
2022 – 2024	**SAMYAK**
	College Central Body
	This Samyak is the college central body where it also conducts college level Hackathons, Techno Events and college Cultural events, here I volunteered as the HEAD of Broadcasting wing.

Languages

- English
- Hindi
- Telugu

Interests

- Photography
- Gaming
- Surfing in Internet & Music

Declaration

I hereby declare that all the information furnished above is true to the best of my belief.

Rishi Kiran Bandlamudi
Vijayawada