

# Sushwanth A

Contact. No: 9849743349

Email: Sushwanth.rbs0@gmail.com



## CAREER OBJECTIVE

To evolve into a capable professional by being associated with a company that will challenge me to push my boundaries and allow me to use my education and skills in a way that is mutually beneficial for my employer and me and achieve a sustainable growth in life.

## EDUCATIONAL QUALIFICATIONS

YEAR	DEGREE	INSTITUTION	CGPA or %
2019-23	B. Tech, Electronics and Communication Engineering	Presidency University, Bengaluru	7.94/10.00
2017-19	12 <sup>th</sup> Standard	Narayana Junior college, Vijayawada	8.89/10.00
2016-17	10 <sup>th</sup> Standard	Ravindra Bharathi High school, Nellore	9.5/10.00

## KEY ROLES & PROJECTS

- Member of Team **VIKASANA**, our college official Robotics team
- Participated in **Robocon 2021 and 2022** (*The ABU Asia-Pacific Robot Contest (ABU Robocon) is an Asian-Oceanian college robot competition*)
- Design and execution of a fully functional robots for above competitions
- Successfully qualified for stage 2 in robocon 2022 ,ended up with **AIR 19** in final stage
- Part of project **TER** (designing an automated e-vehicle, successfully made a fully functioning prototype)
- Wrote and published an article on **5g and its harm to environment**

- Assisted for a research on **Desalination** and **Hard water purification** techniques
- Designed and created a fully functional models of following projects,

#### **Smart parking system:-**

A fully functional prototype model of smart parking system which can be used in schools, malls, hospitals and many other commercial places

#### **Smart irrigation system:-**

A fully functional model of smart irrigation system which is useful for farmers for irrigating their crops and fields

#### **Major Project : SMART SELF BALANCING E-BIKE**

A fully functional prototype of an e-bike which balances itself using reaction wheel mechanism .

---

### **SKILLS AND KNOWLEDGE**

- Basic level of proficiency in **Microsoft Office**.
- Good understanding & Knowledge in Computer Languages **C, java**
- Computer aided Drawings using **AutoCAD**
- **MATLAB Simulink** – Basic
- **Arduino** – Intermediate

---

### **EXTRA-CURRICULAR ACTIVITIES**

- Participated in Various sessions and workshops by our college.
- Certifications and medals in several other school level athletic and academic competitions.
- Personal record of solving Rubik's cube in 36 sec

---

### **HOBBIES**

- Technology Enthusiast – Reading and knowing about all new technologies
- Learning about the projects made using various microcontrollers and IOT.
- Problem Solving and Managing People.
- Understanding process of Android Mobile development.
- Travel Enthusiast
- Aqua scaping and modern gardening

---

### **DECLARATION**

I hereby declare that all the information given above is true and correct to the best of my knowledge