

RAKESH UR

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Umblebyle at post, Shimoga District, Karnataka-577115

OBJECTIVE

To obtain a position as an electrical engineer with a focus on software development, where I can apply my knowledge of programming languages, data structures, and algorithms to create efficient and effective electrical systems. To work as an electrical engineer in a dynamic and innovative company, where I can utilize my software skills to develop and for implement electrical systems, and contribute to the growth and success of the organization.

PROJECTS

TESTING OF LIFE CYCLE OF ELECTRICAL LOAD USING DOWNCOUNTER

- Components Used: Down Counter, Temperature Chamber, Sensor and Transducers.
- The objective of testing of life cycle of an electrical load using down counter is to simulate and evaluate the loads performance over its expected life span, typically by accelerating the again process through repetetative testing .

OBJECT RECOGNITION AND SPEECH GENERATION FOR VISSUALY IMPAIRED PEOPLE

- Components Used: Camera Module, Raspberry PI, IR Sensor, Text to Speech Module, Ultrasonic Sensor.
- The objective of this work is to focusing on “Object detection and speech generation for visually impaired people” typically revolve around addressing the specific needs and challenges faced by individuals with visual impairments.

TECHNICAL SKILLS

- **Programming Languages:** C, Java, JavaScript.
- **Technologies/Frameworks:** MySQL, HTML, CSS, Data Structure and Algorithm, Auto Caed, MAT LAB, Electrical design

EDUCATION

PES Institute of technonology and management, Shimoga	2020-2024
<i>Bachelor of Engineering, Electrical and Electronics Engineering – 6.9 CGPA</i>	
Acharya PU College, Shimoga	2018-2020
<i>PCMB- 86.94%</i>	
Sri Aurobindo English medium school, Shankaragatta	2017-2018
<i>SSLC- 80%</i>	

SOFT SKILLS

- Analytical Skills • Communication • Problem-Solving • Team player

ADDITIONAL INFORMATION

- **Languages:** English (Professional), Kannada (Native).
- **Interests:** Open-Source Software, Sports.

CO-CURRICULAR ACTIVITIES

Gaming Genre Coordinator

- As the Team Lead for the Gaming genre, one of seven genres in our college fest(INTERFACE), I successfully led a team to organize and conduct multiple gaming events with prize pools. I managed event logistics, coordinated participants, and oversaw team activities, ensuring the smooth execution of all events. My leadership and organizational skills enhanced participant engagement and contributed to the overall success of the fest.

COURSEWORK

- Full Stack Web Development(FSWD) at Tap Academy, Bengaluru, Karnataka.(Ongoing student)

Work Experience

- Completing an internship in a substation can provide valuable hands-on experience and exposure to the electrical power industry. Understand the fundamentals of electrical engineering, including concepts related to power generation, transmission, and distribution.familiarize with the power systems, grid operations, and the components involved in training electricity learn about safety protocol and best practices for working with electrical system,especially in high-voltage environments.S