DHANUSH G S

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SUMMARY

Motivated and detail-oriented B.E. Electrical and Electronics Engineering student with a strong foundation in electrical engineering concepts and practical skills. Seeking opportunities to apply technical knowledge through real-world projects, contribute to organizational growth, and develop professional skills while gaining valuable industry experience.

PROJECTS

SOLAR ROOF TOP SYSTEM

I build a 33-kW solar rooftop system is a renewable energy system installed on the roof of a building to generate electricity using solar energy. It consists of solar panels, inverters, mounting structures, and other electrical components to convert sunlight into usable electrical power. The system helps reduce electricity costs, lower carbon emissions, and promote clean and sustainable energy.

SOLOR BASED BOREWELL BABY RESCUE SYSTEM USING IOT

Designed a solar-powered IoT robotic rescue system featuring custom robotic arms, environmental sensors, and continuous battery backup to safely extract children from narrow borewells in off-grid locations. Implemented real-time video streaming and remote motor control to enable precise remote operation, significantly reducing rescue response times while eliminating physical risks for rescue personnel.

ELECTRICAL LINEMAN SAFETY WITH PASSWORD CIRCUIT BREAKER

Engineered and developed a password-based circuit breaker system to enhance electrical lineman safety by preventing unauthorized power restoration, integrated secure password authentication for controlled power ON/OFF operation, minimized the risk of accidental energization during maintenance, and enhanced overall safety and reliability during electrical line repair activities.

CORE SKILLS

- MS word
- MS Excel
- Power point
- Circuit design and testing
- Reading electrical drawings
- Electric circuit analysis
- Project Management

CERTIFICATIONS

- MS Office
- TCS iON Career Edge – Young Professional Course
- Workshop on Python, Coding & Robotics

ACHIEVEMENTS

- Appointed as Sports Coordinator, responsible for coordinating sports activities, organizing events, and supporting student participation in college-level competitions.
- Participated in Circuit Forge at the 20th ISTE Karnataka State Level Student Convention 2024–25, organized by New Horizon College of Engineering, Bengaluru, demonstrating practical knowledge and technical problem-solving skills.

EDUCATION

- **2024 – Present** Engineering – EEE**,** SJMIT Chitradurga, VTU | CGPA: 8.1
- **2022 – 2024** Diploma-EEE**,** Sri Siddarameshwara Polytechnic College Tiptur | CGPA: 8.31
- **2019 – 2021** ITI – Electrician**,** Sri Siddarameshwara Industrial Training Centre, Rangapura, Tiptur| Percentage:80% | 2019 – 2021
- **2018** SSLC**,** Government Boys High School, Tiptur | Percentage: 69.44%