SACHIN BM

sachinbm165@gmail.com | 8971776545 | https://www.linkedin.com/in/sachin-b-m/

OBJECTIVE

Passionate third-year Electronics and Communication Engineering student with a keen interest in VLSI design, digital systems, and embedded technologies. Seeking an internship to apply my knowledge in circuit design, FPGA programming, and digital electronics while gaining hands-on experience in semiconductor and hardware development.

EDUCATION

Bachelor of Engineering (B.E) in Electronics and Communication Engineering
JSS Academy of Technical Education, Bengaluru (JSSATEB)
CGPA: 8.1 (upto 5th Semester)

Pre-University Course (PUC)
KLE PU College
Percentage: 88%

Secondary School Leaving Certificate (SSLC)
Siddaganga Public School
Percentage: 77%

CERTIFICATIONS

- PCB Designing – Merit Certification
- MATLAB Certification – MathWorks
- Python Beginners Course – Cisco Networking Academy

WORKSHOPS & COMPETITIONS

- Participated in IISc 'Present and Future Computing Systems' workshop.
- Participated in 'Beat the Circuitry' competition at BMS College.

PROJECTS

Traffic Light Simulator using Arduino
• Developed a traffic light simulation with **LDR sensors** for violation detection.
• Integrated LDR sensors to detect vehicles crossing the stop line during a red light.
• When a vehicle obstructs the LDR sensor, the system detects the violation and triggers a buzzer alert.
• Programmed and optimized signal timing for efficient operation.

SKILLS

- PCB Designing
- MATLAB
- Python Programming
- Arduino Programming & Simulation
- Circuit Design & Debugging

EXTRACURRICULAR ACTIVITIES

• Engaged in electronics-related competitions and workshops.
• Passionate about hands-on circuit development and embedded systems.