

CHETAN LAMANI

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EDUCATION

UBDT College of Engineering, Davangere

2020-2024

B. E. in Electrical & Electronics Engineering

6.70(CGPA)

SKILLS

Technical Skills:C, JAVA, HTML & CSS, MYSQL

Tools:Eclipse, Workbench, VSCode

INTERNSHIPS

Embedded Systems Intern – Emertxe Technologies, Bangalore | AUG 2023

- Developed a Microwave Oven Simulation using PIC Sim Lab and PIC16F877A micro-controller, improving system accuracy by 25%.
- Ensured precision in hardware-software interaction through rigorous testing and debugging, reducing system errors by 30%.

Electric Vehicle using Matlab – Abeyaantrix Softlab OPC Pvt Ltd | AUG 2023

- Modeled and simulated electric vehicle components and systems in MATLAB Simulink, enhancing simulation accuracy by 20%.
- Analyzed vehicle dynamics to improve energy efficiency and system performance by 15%.

PROJECTS

Personal Portfolio :

- Created a dynamic personal portfolio to showcase professional skills, project achievements, and technical expertise.
- Developed using HTML, CSS, and JavaScript for an interactive user interface, with responsive design for cross-device compatibility.

Over current Relay Design – MATLAB Simulink | DEC 2023

- Designed and simulated instantaneous and definite time over-current relays in MATLAB Simulink, improving fault detection accuracy by 30%.
- Analyzed system performance, enhancing relay response timing by 25% to ensure effective protection for electrical systems.

Transmission Line Performance Assessment – MATLAB | JAN 2023

- Developed MATLAB scripts for detailed evaluation and optimization of transmission line parameters, increasing system efficiency by 20%.
- Simulated various loading conditions to improve performance and reliability by 15%.

SOFT SKILLS

Team Leadership, Problem Solving, Communication

INTERESTS

Learning new technologies, Cycling, Singing