

ANAND KP

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About Me

Electrical engineering graduate with a passion for innovation and problem-solving. Eager to contribute, learn, and grow in impactful projects within the tech industry. Loves computer and electrical engineering.

Professional Experience

INTERN – [@inQbe ,Kochi,Kerala]

- Worked on a fuzzy logic-based regenerative braking system for EVs.
- Developed the fuzzy logic controller and simulated using MATLAB/Simulink.
- Designed circuit layouts and pcb with KiCad.
- Gained hands-on experience in EV control systems and energy recovery.

Engineering Project

Fuzzy Logic-Based Regenerative Braking in EVs

Developed a fuzzy logic-based regenerative braking system to recover and store energy in EVs using MATLAB/Simulink for simulation and KiCad for circuit design.

Education

Higher Secondary (12th Grade)

Zamorins HSS, Kerala State Board, March 2018– March 2020

Percentage: 82% (ComputerScience)

Bachelor of Technology (B.Tech) in Electrical and Electronics Engineering

APJ Abdul Kalam Technological University (KTU), 2020–2024

CGPA: 6.61/10

PERN stack development from udemy,2023

Engineering Key Focus Areas

ELECTRICAL MACHINES

POWER ELECTRONICS

ELECTROMAGNETISM

CONTROL SYSTEM

Software based Key Focus Areas

HTML

CSS

JAVASCRIPT

REACT JS

NODE JS

EXPRESS JS

POSTGRESQL

MYSQL

C/C++

MATLAB

KICAD

professional traits

problem-solving

leadership

pateince

Core Interests and Passion

I am passionate about domains like robotics, power electronics and machines, electric vehicles, renewable energy, embedded systems, quantum computing, and any field that falls under electrical engineering, with a strong love for research and development, continuously expanding my expertise in these areas