

CHETHAN D S

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- Bangalore
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ABOUT ME

Motivated ECE student passionate about electronics, embedded systems, and learning through real-world projects. Quick learner with a growing foundation in programming and circuit design. Seeking opportunities to contribute to innovative engineering teams and gain industry experience.

EDUCATION

JNANADEEPA SENIOR
SECONDARY SCHOOL
SHIVAMOGA
2019 - 2020
Grades : 81%

SIR M V PU COLLEGE
DAVANAGERE
2020 - 2022
Grades : 91%

JSSATE-B
BANGLORE
2022 - 2026
Grades: 8.164 cgpa

PROJECTS

SMART IRRIGATION SYSTEM

December - 2024 | Arduino/ESP32 , Soil Moisture Sensor, Relay Module, Water Pump

Developed an automated irrigation system that monitors soil moisture levels and activates a water pump accordingly. Utilized Arduino and sensor modules to reduce manual effort and conserve water. Gained experience in embedded systems, real-time data handling, and hardware integration.

SKILLS

- PYTHON
- VLSI
- MATLAB

SOFT SKILLS

- LEADERSHIP QUALITY
- GOOD COOMUNICATION SKILL
- TIME MANAGEMENT

LANGUAGES

- KANNADA
- ENGLISH
- HINDI

DRIVE MODES ON ELECTRIC VEHICLE

APRIL - 2025 | MATLAB Simulink, Control Systems, EV Modeling

Designed and simulated multiple drive modes (Eco, Normal, and Sport) for an electric vehicle using MATLAB Simulink. Modeled powertrain behavior, adjusted torque and speed profiles, and optimized energy consumption for different driving conditions. Improved skills in system simulation, control logic design, and energy-efficient vehicle dynamics.