

K VARUN KRISHNAN

ELECTRONICS & AUTOMOTIVE
TECHNOLOGY ENTHUSIAST

CONTACT INFO

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PROFESSIONAL SUMMARY

Enthusiastic and hands-on Electronics and Communication Engineering student. Passionate in solving complex problems and applying technical knowledge to real-world projects, especially in automotive and IC Engine design. Eager to explore the intersection of electronics and engine technology. A motivated team player with a keen interest in cutting-edge innovations.

AWARDS

- Innovation Award- Byte Battles 2.0: All India Firmware Hackathon · Ather Energy Ltd.
- Top 30 Achiever- Byte Battles 2.0: All India Firmware Hackathon · Ather Energy Ltd.

SKILLS

- LTSpice Simulation
- NI Multisim
- C Language
- Python Language
- Technically proficient in multiple disciplines.
- Analytical Thinking
- Microsoft Suite

EDUCATION

SRM University Ramapuram

BTech Electronics and Communication Engineering

- September 2022 - May 2026
- CGPA: 7.75

Delhi Public School, Coimbatore

2012-2022 | CBSE

- Higher Secondary | 2022
- Secondary | 2020

LANGUAGES

- Tamil
- English
- Hindi

PATENT

V2I (Vehicle to Infrastructure Communication)

The Vehicle to Infrastructure Communication (V2I) utilizes DSRC Radio frequency communication to dynamically regulate vehicle speed. An electro-mechanical control mechanism embedded in the proposed speed control device enables real-time adjustments based on predefined limitations in various geographical zones.

Patent has been filed in Intellectual Property India.

Patent Application No : 202441011754

CERTIFICATIONS

- Applied Computation Fluid Dynamics (Coursera)
- Introduction to Electric and Hybrid Electric Vehicle (IGNOU)
- Battery Technology in Electric Vehicles
- Aerial Communications and Networks (NIT Warangal)
- Machine Learning in System Design (C-WiSD, Anna University)
- C Programming
- OrCAD PSpice

INTERNSHIPS

- Switch Mobility Automotive Ltd.

EXTRA CURRICULAR

Member at IETE (Institution of Electronics and Telecommunication Engineers)

Membership No: 263153

PROJECTS

- Vehicle to Infrastructure Communication.
- Ather Scooter Detection using Machine Learning.
- Energy Analyzer using IOT.