Contact

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Top Skills

Spark Ignition Engines
Compression Ignition Engines
Superchargers

Certifications

Introduction to Electric and Hybrid Elec
C Programming
Fundamentals of Automotive Systems
Engine system and performance
Machine Learning in System Design

Honors-Awards

Innovation Award
Top 30 Achiever

Patents

Vehicle To Infrastructure Communication

K Varun Krishnan

Electronics and Communications Engineer | Expertise in HEV, EV, IC engines.
Chennai, Tamil Nadu, India

Summary

As a student at SRM University, I am pursuing a B.Tech in Electronics and Communications Engineering. I have a strong interest in the field of automotives and have gained experience through an internship at Switch Mobility. Where, I learnt about the assembly of EV drivetrains, battery pack integration, and cooling systems for electric motors and batteries.

I also hold certifications in:
Electric and Hybrid Electric Vehicle (IGNOU), Applied Computational Fluid Dynamics (Siemens),
C Programming, Battery Technology in Electric Vehicles and other few in various domains which further enhances my interdisciplinary knowledge and skills.
Additionally, I am a member of The Institution of Electronics and Telecommunication Engineers (IETE), where I participated in forums and discussions related to my field of study.

My goal is to apply my technical expertise and passion for automotives to contribute to the sustainable transportation sector.

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Experience

The Institution of Electronics and Telecommunication Engineers (IETE)
Forum Member
December 2022 - Present (2 years 6 months)

Switch Mobility
Intern
January 2025 - January 2025 (1 month)
Chennai, Tamil Nadu, India

- Hands-On exposure to EV drivetrain assembly.

- Battery pack integration.

- Electric motor and battery cooling systems.

- Learned about functions of various components in EV.

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Education

SRM University

Bachelor of Technology - B.Tech, Electrical, Electronic and Communications
Engineering Technology · (September 2022 - 2026)

Delhi Public School - India
· (2012 - 2022)