

RAJNISH VERMA

Aspiring Mechanical Engineer | Former Project Engineer | Passionate about Automobiles

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Kota, Rajasthan


SUMMARY

Passionate and adaptable Mechanical Engineer with experience as a Project Engineer at FEV and a strong foundation in automotive systems. Driven by curiosity, with a habit of self-learning and hands-on experimentation beyond formal education. Eager to resume a dynamic career in the mechanical and automotive industry. Known for a practical problem-solving mindset, interactive collaboration, and a passion for innovation in vehicle design and performance.

EXPERIENCE

Project Engineer

FEV India Pvt. Ltd.

 Dec 2022 – Mar 2024

- Solely prepared Vehicle Test Specifications for Foreign Electric Vehicle OEM (CEER, Saudi Arabia)
- Mechanically assisting Team for Testing of Foreign Electric Vehicle OEM (VINFAST, Vietnam) at ARAI, Chakan (Pune).
- Prepared test scenarios, test data for testing, reviewed test result.
- Developed documentation for Testing requirements and standard operating procedures
- Designed and tested low cost ADAS VRU platform for testing ADAS features in India.
- Published a Research Paper on General Electric Testing of Vehicles in iTEC India 2023.
- Gained strong experience in analytical thinking, technical documentation, and time-bound project execution.
- Regularly presented findings to internal teams and clients, enhancing communication and presentation skills—vital for effective teaching.

Additional Technical Projects

- Coordinator of *Moonriders* - technical club in college; built Go-Karts and ATVs from scratch and participated in national-level automotive competitions.
- Customized my bike into a Cafe Racer entirely at home during the lockdown, showcasing hands-on skills in design, fabrication, and mechanical modification.
- Converted a Bajaj Pulsar 150 into a fully electric bike using market-available components, without relying on bolt-on kits—demonstrating innovation, custom integration, and deep technical understanding.

EDUCATION

B.Tech in Mechanical Engineering

JECRC Foundation

08/2018 - 05/2022  Jaipur

HSC (CBSE)

Mittal International School

04/2017 - 06/2018  Kota

KEY ACHIEVEMENTS

- Published a review paper in iTEC India 2023.
- AIR 3 in National Electric Kart Championship 2020.
- Successfully coordinated Zarurat-Celebrating Innocence (A full-day event Organized for 300+ Children of Zarurat and Various NGOs in Jaipur.)

LANGUAGES

English

Native



Hindi

Native



SKILLS

- CAD - Solidworks
- CAE - Ansys
- Effective Communication
- Vehicle Dynamics
- Basic Vehicle Knowledge
- Manufacturing Processes & Materials
- Quality Assurance & Testing
- Vehicle Diagnostics & Troubleshooting

PASSIONS

Passionate about traveling through riding and driving, with a focus on discovering offbeat destinations and experiencing diverse environments firsthand. Enthusiastic about vlogging as a creative outlet to document journeys, share stories, and connect with others through engaging visual content.