

KISHAN YADAV PAKKURTHI

AUTOMOTIVE & MECHANICAL ENGINEERING PROFESSIONAL

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PROFILE

Automotive and mechanical engineering professional with hands-on experience in precision diagnostics, machining, and technical fault resolution. Currently advancing expertise in sustainable mobility and AI/ML, combining practical engineering judgment with emerging data-driven methods.

EXPERIENCE

Mechanical Junior Technician

JAN 2025 — JUN 2025

- Used modern testing equipment and diagnostic software to assess vehicle systems.
- Identified and rectified mechanical, electrical, and electronic faults in line with manufacturer specifications.
- Documented findings clearly and contributed to efficient workshop problem-solving.

Machine Operator

JUN 2020 — DEC 2020

- Operated conventional milling machines to manufacture precision components for injection moulds.
- Worked to technical specifications and quality standards while maintaining accuracy and safe operation.

EDUCATION

M.Sc. Mobility and Automotive Industry

SRH UNIVERSITY, BERLIN · OCT 2025 — SEP 2027

- Focus: sustainable technology management, innovation strategies, and the transition to environmentally responsible business practices.

B.Tech. Mechanical Engineering

AUG 2021 — MAY 2024

- Core study in mechanical principles, manufacturing, product design, and industrial processes.

CORE SKILLS

ENGINEERING

Mechanical principles · Manufacturing · Product development · Precision machining · Technical documentation

DESIGN & SIMULATION

AutoCAD · CATIA V5 · Autodesk Inventor · ANSYS Workbench

DATA & AI

AI/ML concepts · Data-driven solutions · Predictive models · Data analysis · Statistical modelling · R visualisation

WORKING STYLE

Analytical problem-solving · Interdisciplinary teamwork · Quality focus · Sustainable engineering mindset

LANGUAGES

- English — C2
- German — A1, actively progressing

ADDITIONAL ACTIVITIES

- Tree-planting and environmental projects.
- Workshops, seminars, and team projects in mechanical engineering, manufacturing, and sustainability.

PROFESSIONAL FOCUS

Seeking roles where hands-on automotive or mechanical expertise, disciplined diagnostics, and a growing foundation in sustainable mobility and data-driven engineering can create measurable value.