

PREM RAJ K

Automotive designer

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PROFILE

Mechanical engineering graduate with 2 years of hands-on experience as a Production Trainee at Royal Enfield, specializing in motorcycle manufacturing and quality control. Skilled in production processes, troubleshooting, and mechanical fabrication with a strong foundation in industrial project work.

PROFESSIONAL EXPERIENCE

Production trainee, Royal enfield manufacturing company

- Gained hands-on experience in the end-to-end manufacturing process of high-performance motorcycles at Royal Enfield.
- Collaborated with cross-functional teams to optimize production workflows, enhancing operational efficiency and minimizing downtime.
- Ensured strict adherence to quality control standards, conducting inspections and troubleshooting issues to maintain product excellence.
- Contributed to process improvements, supporting continuous production and timely delivery of premium motorcycles while maintaining safety standards.

05/2023 – 05/2025

Chennai

EDUCATION

Diploma Mechanical Engineering (DME), v. ramakrishna polytechnic college

07/2020 – 05/2023

chennai

SSLC, kc sankaralinga nadar school

06/2019 – 05/2020

Chennai

PROJECTS

Manual Pipe Bending Machine

- Designed and fabricated a manual GI pipe bending machine to enable efficient, low-cost pipe bending for industrial and construction applications.
- Applied principles of mechanical design and material strength to ensure durability, precision, and user safety.
- Conducted performance testing and iterative modifications to improve bending accuracy and reduce manual effort.
- Gained hands-on experience in machining, welding, and assembling mechanical components as part of the project execution.

SKILLS

- | | | |
|------------------------------|------------------|------------------------|
| • Part Modeling | • Assembly | • Drafting & Detailing |
| • Piping & Hydraulic Routing | • Sheet Modeling | |

COURSES

Automotive design, Pumo Technovation

06/2025 – Present

Velachery, Chennai

LANGUAGES

- | | | |
|----------|-----------|-----------|
| • Tamil | • English | • Kannada |
| • Telugu | | |

SOFTWARE KNOWLED

- | | |
|------------|--------|
| • Auto Cad | • creo |
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