

Ryan MJ

Mechanical engineering Graduate

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Summary

Curious, adaptive and hardworking Mechanical Engineering graduate with a strong passion for applying theoretical concept to real-world experimental procedures. Eager to contribute to innovative engineering solutions in a collaborative and practical environment, where I can apply my technical knowledge, problem solving abilities, and willingness to learn for organizational growth.

Skills & abilities

- Critical Thinking • Problem Solving
- Leadership Skill • Flexibility
- Basics in coding • Engineering Analysis

Experience

QUALITY CONTROL EXECUTIVE TRAINEE | D & H SECHERON INDORE, INDIA

JULY 2026 – PRESENT

- Performed incoming, in-process and final quality inspections.
- Conducted dimensional and visual inspections.
- Maintained inspection records and quality documentation.
- Assisted in root cause analysis and corrective actions.
- Ensured compliance with quality standards and procedures.

INTERN | KERALA STATE ROAD TRANSPORT CORPORATION (KSRTC) REGIONAL WORKSHOP

ERNAKULAM, INDIA

- Assisted technicians in diagnosing and repairing bus maintenance issues.
- Monitored operations, records and metrics to understand the company performance
- Observed and worked tasks related to the operation of machinery.
- Communicated with Multidisciplinary team to learn and develop practical skills

Education

RAJAGIRI SCHOOL OF ENGINEERING AND TECHNOLOGY, KAKKANAD, KOCHI

BACHELOR OF TECHNOLOGY IN MECHANICAL ENGINEERING - APRIL 2026

Overall CGPA 6.57

BHAVANS VIDYA MANDIR GIRINAGAR

CLASS XII - 2022, CLASS X - 2020

Project**ATMOSPHERIC WATER HARVESTING USING THERMOELECTRIC COOLING**

- Designed and fabricated an Atmospheric Water Generator (AWG) that extracts portable water from humid air using the **Peltier effect**.
- Integrated **Thermoelectric Coolers** and high-speed cooling fans to drop heat sink temperatures below the dew point for condensation.
- Developed a portable, low-power consumption solution aimed at providing clean drinking water in water-scarce or tropical regions.

**Hobbies and
Interests**

- learning through hands on experience
 - Traveling/Trekking
 - Basketball
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