

Joulibeb Ahmed Mohasseb

Undergraduate Mechanical Engineering Student

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Profile

Undergraduate Mechanical Engineer seeking internship and training opportunities in Manufacturing, Process Optimization, and Quality Assurance (QA). Brings exceptional analytical problem-solving skills and strong technical rigor. Expertise in methodologies for continuous improvement (CI). Driven by a passion for innovation, sustainability, technology, and entrepreneurship. Eager to collaborate and deliver high-value results in a dynamic engineering environment.

Education

Alexandria University – B.Sc. in Mechanical Power Engineering,

2023 – Present

GPA (3.3, Very Good)

- **Relevant Coursework:** Manufacturing Processes & Equipment, Metallurgy & Manufacturing, Mechanical Design
- **Focus on** production systems, process improvement, quality assurance, and advanced manufacturing technologies

Professional Experience

Petrojet

Aug 2025 | Alexandria, Egypt

- Ensured **QA of mechanical and piping systems**, meeting safety, quality, and project standards.
- Applied **downtime analysis** to implement preventive maintenance, reducing losses by **15%**.

Ezz El Dekheila Steel

Aug 2025 | Alexandria, Egypt

- Troubleshoot **rolling mill equipment** to sustain high-volume manufacturing operations.
- Improved **casting line yield** by **5%** through process optimization and equipment reliability.

Mantrac (Caterpillar)

Aug 2025 | Alexandria, Egypt

- Performed **diagnostics and maintenance** on Caterpillar equipment to minimize downtime.
- Resolved complex failures, ensuring compliance with **safety and quality standards**.

Enppi

Jul 2025 | Cairo, Egypt

- Validated designs and developed **engineering specifications** for high-pressure piping systems.
- Analyzed technical drawings and specs to support **project planning and quality validation**.

Amreya Petroleum Refining Company (APRC)

Jul 2025 | Alexandria, Egypt

- Optimized **refinery processes** (e.g., heat exchangers) to improve efficiency and production flow.
- Conducted **HSE inspections**, ensuring compliance with **safety and environmental standards**.

Skills

- **Tools:** AutoCAD, SolidWorks, MATLAB, MS Excel.
- **Soft Skills:** Teamwork, Adaptability, Innovation, Communication, Leadership Potential.
- Manufacturing Processes, Equipment & Process Optimization.
- Quality Assurance, Compliance & Continuous Improvement.
- HSE Awareness, Preventive Maintenance & Reliability.
- Performance & Downtime Analysis, Root Cause Problem-Solving.
- Mechanical Systems, Piping & Technical Drawings.

Volunteering & Leadership

- Organized **5+ student events** as HR Member, supporting **100+ peers** and fostering collaboration.
- Led a **10-member PR team** in the Student Union, strengthening engagement and outreach.
- Directed a **blood donation campaign**, reaching **300+ people** and raising donations by **25%**.
- Coordinated **15+ community service projects** with Resala Charity, ensuring effective logistics and teamwork.
- Provided first-aid and relief with the Egyptian Red Crescent, supporting **50+ individuals**.

Other Information

- **Languages:** Arabic (Native), English (Proficient – speaking, reading, writing).