

Mohammed Fahmi Mohammed Lathikani

Mechanical Engineer

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OBJECTIVE

Mechanical Engineer seeking to apply technical knowledge and practical skills in real-world engineering environments, with a strong interest in Development Engineering and MEP systems including HVAC, plumbing, and fire protection. Experienced in mechanical design, corrosion prevention, product development, automation, and advanced manufacturing, with a commitment to leveraging modern engineering technologies and software to drive innovation, efficiency, and value in professional projects.

EDUCATION

Bachelor's Degree in Mechanical Engineering
Jazan University, Jazan (4 January 2026)

PROFESSIONAL EXPERIENCES

- **Senior Graduation Project Third Place Award – 2026**
3D CNC Foam Cutter
- **Summer Training – THABATCO Company - 2025**
Site Engineer Trainee (MEP, BIM, and Project Management)
- **Research paper in (Artificial intelligence analysis of corrosion behavior of H59 brass alloy in red sea conditions with and without ceramic coating)– (December 2023 – June 2024 -Jazan University, Jazan)**
<https://www.fegulf.com/index.php/gjet/article/view/133>

COURSES AND MEMBERSHIPS

- **Member of the Saudi Council of Engineers (January 2026)**

SKILLS

Engineering Skills:

CAD Design (SolidWorks) (AutoCAD) (Revit) | Thermal Analysis (HAP) | Power Analysis | Reliability Engineering
| Additive Manufacturing | MEP Systems Design and Coordination | Preventive & Predictive Maintenance

Soft Skills:

Leadership | Teamwork | Communication | Analytical Thinking | Problem Solving | Time Management |
Continuous Learning

Activities and Achievements

- Designer, Engineering Club (2022-2023)
- Visual Content Manager, Student Advisory Council - Mechanical Engineering Department
- Visual Content Manager, Research and Innovation Club (Oct 2023 - Dec 2024), responsible for media plans, event documentation, and publishing

LANGUAGES

- Arabic
- English