

Yavuz Can Mechanical Engineer

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📅 15/09/1999

🚗 Single

🚗 B

🛡 Exempted

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👤 PROFILE

Hello, I recently graduated from the Department of Mechanical Engineering at Gaziantep University. During my studies, I completed four months long-term internship at Eti Bakır Mazıdağı Metal Recovery and Integrated Fertilizer Plants, where I gained valuable experience in my field. I am eager to continue expanding my knowledge of mechanical engineering and to work as a team member in this field. I am looking for a challenging and rewarding position as a mechanical engineer in a reputable company that offers opportunities for growth and advancement.

🎓 EDUCATION

- Bachelor's Degree

09/2018 – 01/2024 | Gaziantep, Turkey

Gaziantep University

Gaziantep University / Faculty Of Engineering / Department Of Mechanical Engineering / Mechanical Engineering Pr. (English)

- High School Degree

09/2013 – 06/2017 | İstanbul, Turkey

*İstanbul Recep Tayyip Erdoğan Anadolu
İmam-Hatip High School*

📁 PROFESSIONAL EXPERIENCE

Mechanical Maintenance Intern Engineer

10/2023 – 01/2024 | Mardin, Turkey

*Eti Bakır A.Ş. Mazıdağı Metal Recovery and
Integrated Fertilizer Plants*

- I have completed my 4-months mechanical engineering internship at the Mechanical Maintenance and Repair Unit of Eti Bakır Mazıdağı Metal Recovery and Integrated Fertilizer Plants, which is the largest private investment project in Southeast of Turkey.
- During my internship, I had the opportunity to be in many facilities and experienced how integrated facilities work in harmony with each other. I had the opportunity to observe mechanical maintenance works within the plants at the factory.
- These plants are Phosphoric Acid Plant, LEACH (Metal Recovery Plant), Ammonia Plant, Sulphuric Acid Plant, Fertilizer Plant, Energy Generation Plant (Steam Turbine+Wartsila), Water Treatment Plant
- I have participated in cold and hot maintenance shutdowns within the mechanical maintenance team. I also participated in plant shutdowns and commissioning.
- At the Phosphoric Acid Plant, I was directly involved in both periodic and breakdown maintenance of the Tilting Pan Filter, Autogenous Mill, Ore Crusher and Screens, Conveyors, Centrifugal Pumps, Vacuum Pumps, Graphite Heat Exchangers, Cooling Tower Pumps, Fans and Evaporator Coatings.
- During the annual shutdown of the Sulphuric Acid Plant, I had the opportunity to observe the maintenance of the Fluidised Bed Pyrite Roaster, Water-Cooled Rotary Valves, H-ESP, W-ESP, Drying Tower Demisters, Turbine Pumps and Sulphuric Acid Pumps.
- I experienced Autoclave cleaning, Refractor Replacement, Geho pump maintenance, and Belt Filter maintenance in the Autoclave Unit, which we call the pressurised leaching Metal Recovery Plant, with the mechanical maintenance teams during the annual shutdown.

- I experienced instrumental and technical control procedures such as vibration, thickness, cavitation control and penetration tests performed together with preventive maintenance.
- I had opportunity to observe the maintenance and repair works on the Drums, Process Screens and Crushers, Conveyor Belts and packaging in the Fertilizer Plant.
- I had the opportunity to observe electricity generation from the Steam Turbine and Wartsila Gas Engine in the Energy Generation Plant.
- I got acquainted with Siemens-Emerson DCS, PLC automation systems of the plants here.

LANGUAGES

Turkish (Native)

English

PROJECTS

- Design of Helical Compression and Extension Springs

- Gear Design and Bearing Selection

I designed a Gearbox for conveyor system.

COURSES

- Pearson Assured English Preparatory Program

Gaziantep University

I completed the English preparatory programme in the 2018-2019 academic year before starting the Mechanical Engineering programme at Gaziantep University.

- Cad and Drafting (Elective Courses)

Gaziantep University

I received my training in the Solidworks program.

SKILLS

Autocad | Solidworks | Microsoft Office Programs | Kaizen 6S | Problem-Solving
Analytical thinking | Teamwork | Diligence | continuous | Leadership

INTERESTS

Machine Learning | Control and Automation Systems

Metal Surface Coating Technologies | Material Science and Engineering

Manufacturing and Production | Artificial Intelligence

REFERENCES

Muhammed Mansur CAN, Senior Process Engineer of Phosphoric Acid Plant,
Eti Bakır A.Ş. Mazıdağı Plant
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Muhammed Çağrı TOPAÇ, Mechanical Maintenance and Repair Manager, Eti Bakır A.Ş. Mazıdağı Plant
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