

BURAK DEVLİ

Mechanical Engineer | Maintenance & Repair | Project Management | Field Engineering
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SKILLS & OTHERS

MEP Systems: HVAC (Installation, Inspection, Commissioning), Plumbing Systems, Fire Protection Systems, Ventilation Systems, Piping Systems, Water Treatment Systems.

Maintenance & Repair: Preventive Maintenance, Corrective Maintenance, Predictive Maintenance, Condition Monitoring, Lubrication Analysis, Alignment, Balancing, Non-Destructive Testing.

Field Engineering: Site Supervision, Commissioning, Testing, Installation, Troubleshooting, Technical Support, Quality Control, Progress Tracking, Resource Management, Vendor Coordination

Project Engineering: Project Planning, Risk Assessment, Schedule Management, Budget Control, Resource Allocation, Stakeholder Management, Quality Assurance, Change Management, Contract Negotiation, Procurement Management

Technical Skills: AutoCAD, MS Office, Industrial Machinery, Technical Reporting, Documentation Systems, Standardized Reporting, Report Generation

EXPERIENCE

NAVAL MAINTENANCE, REPAIR & CONSTRUCTION COMMAND (FOÇA) 09/2024 – 08/2025
Engineer Second Lieutenant

- Spearheaded fire safety upgrades across three facilities, installing advanced detection systems and fire suppression technologies, which reduced potential fire-related risks by an estimated 60%.
- Directed technical aspects for 22 maintenance and repair projects, ensuring adherence to safety regulations and quality standards, resulting in zero critical equipment failures and maintaining operational efficiency.
- Implemented a detailed technical documentation system using standardized reporting templates, decreasing report generation time by 30% and improving accuracy across all maintenance projects, thereby optimizing workflow.
- Developed a comprehensive maintenance schedule for critical equipment, reducing unexpected downtime by 15% and extending equipment lifespan by 20%, thereby minimizing operational disruptions.

CANSEF ELEVATOR 09/2023 – 08/2024
Maintenance Technician

- Diagnosed and repaired malfunctions in 25+ elevator systems, ensuring adherence to stringent safety regulations and minimizing equipment downtime by 15% for commercial and residential clients.
- Resolved on-site technical issues across 30 elevator systems monthly, improving equipment uptime and functionality for clients while strictly adhering to all safety regulations and procedures.
- Maintained a spotless record of zero safety violations while conducting on-site technical service calls, demonstrating an unwavering commitment to safety and adherence to industry regulations surpassing team average.

YILMAZ MAKINA SAN. TIC. LTD. STİ. 07/2022 – 08/2022
Engineering Intern

- Collaborated with machinists and technicians on the shop floor, learning about tooling, fixturing, and machining parameters, enabling a deeper understanding of manufacturing constraints and design trade-offs, with 100% on-time project delivery.
- Shadowed senior engineers during the manufacturing of industrial machine parts, gaining exposure to quality control procedures that improved part conformity to specifications by 3%.

SISTEM ALUMINYUM SAN. VE TIC. A.Ş.

08/2020 – 09/2020

Engineering Intern (Extrusion Press Dept.)

- Collaborated with senior engineers to overhaul the preventative maintenance schedule for the extrusion press, personally completing 10+ inspections weekly, which diminished equipment failures by 12%.
- Documented and analyzed manufacturing workflows within the extrusion press line, identifying three bottlenecks that contributed to 15% downtime, leading to recommendations for process optimization.

SISTEM ALUMINYUM SAN. VE TIC. A.Ş.

03/2020 – 08/2020

CNC Lathe Operation

- Conducted comprehensive quality control inspections on 100% of machined components, identifying and rectifying deviations to ensure adherence to stringent tolerance specifications and project requirements.
- Interpreted 30+ intricate engineering blueprints to fabricate unique parts utilizing CNC lathe machines, ensuring parts met design specifications following rigorous quality control standards.

PROJECTS

- ✓ Replacement of fire-hose cabinets within the Western Task Group Command's Area of Responsibility.
- ✓ Installation of a 2-tonne fuel-oil storage tank in the boiler plant of the Western Task Group Command.
- ✓ Renewal of piping/lines for two (2) × 10-tonne waste-water tanks at the CBRN Practical Training Area.
- ✓ Installation of a new fire-fighting water line from the existing main to the ammunition magazines of the 1st Amphibious Marine Brigade Command.
- ✓ Replacement of the 75-tonne water tank in the boiler house of Foça Naval Base.
- ✓ Installation of two (2) × 1-tonne boilers in the Mechanical Departments of the 5th, 6th, 7th and 8th Battalions.
- ✓ Installation of a gaseous fire-suppression system for the Information Systems Room at CATF-CLF Headquarters.

EDUCATION

TRAKYA UNIVERSITY

B.Sc., Mechanical Engineering

EDIRNE, TURKIYE

09/2018 – 03/2024

CERTIFICATIONS

- Liquid-Fuel Boiler Operator Certificate (MEB)

LANGUAGES

- English (B2)