ERTAN SÜRÜCÜ

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📍 Ankara / Istanbul, Türkiye | Open to travel and relocation

ORCID: 0009-0007-6606-3724
Languages: Turkish (Native), English (Advanced – C1)

SUMMARY

I am a civil engineer with hands-on experience in structural analysis, project coordination, and international client communication through large-scale telecom infrastructure projects in the United States. Working at G-Tower has given me strong technical and organizational skills from feasibility assessment and design validation to reporting, documentation, and quality assurance.

In these projects, I collaborated with engineers, consultants, and field teams across multiple time zones, which helped me develop a disciplined and solution-oriented approach to planning and stakeholder coordination. I learned to manage complex technical requirements, communicate clearly with clients, and ensure that project deliverables meet safety, quality, and schedule expectations.

Now, I aim to apply my analytical mindset and structural engineering background to the renewable energy sector, particularly in consultancy and project management roles. I am motivated by environments where engineering precision, sustainability, and client-focused problem solving come together to shape future energy infrastructures. I am eager to contribute to multidisciplinary teams, support project phases from feasibility to implementation, and grow within an international environment where innovation and long-term value creation are central

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EDUCATION

Middle East Technical University (METU) – Ankara, Türkiye
M.Sc. in Civil Engineering (Construction Materials Division) (Ongoing)
• GPA: 3.75 / 4.00

B.Sc. in Civil Engineering (2023)

EXPERIENCE

G-Tower, Structural Engineer (Apr 2024 – Oct 2025)
• Served as the main contact for a 5G modernization project in Kansas and Missouri, managing tower analyses and drawings that helped the client complete installations 50% faster.
• Performed structural and mount analyses for telecom towers and rooftop sites across multiple U.S. states.
• Reviewed and approved tower, mount, and rooftop reinforcement designs in accordance with TIA-222-H and ASCE-7 standards.
• Worked directly with clients such as AT&T and T-Mobile to coordinate project deliverables and resolve field-related challenges.
• Prepared calculation packages, design & analysis reports, and construction drawings within tight deadlines and multi-time-zone collaboration.
• Ensured all designs were code-compliant, installation-ready, and optimized for efficient implementation.

The Scientific and Technological Research Council of Türkiye (TÜBİTAK), Research Assistant (Mar 2024 – Jun 2024)
• Worked on a national research project titled *"Investigation and Development of Structural Behavior, Design, and Seismic Performance of Post-Tensioned Timber Frame Systems Using Domestic Structural Timber Materials."*
• Contributed to model construction, experimental testing, and data analysis.
• Strengthened technical reporting, research discipline, and problem-solving abilities.

Yüksel Proje A.Ş, R&D Intern (BIM Department) (Jun 2022 – Aug 2022)
• Supported the 3D modeling and documentation of a metro infrastructure project using Revit and Navisworks.
• Assisted with quantity takeoffs and drawing verification to ensure alignment with project plans.
• Learned the importance of early coordination and data-driven planning in large-scale projects.

Yüksel Proje A.Ş, Field Intern (Bakırköy–Kirazlı Metro Project) (Sep 2021 – Oct 2021)
• Assisted with daily construction supervision and concrete work inspections.
• Supported site documentation, planning, and quality control activities.
• Gained practical understanding of construction sequencing and teamwork on-site.

LEADERSHIP & ACTIVITIES

METU Engineering & Sustainability Society (EST) – Project Member
• Contributed to sustainability-focused research and case studies on campus development.
• Conducted surveys and participated in team discussions on data-based environmental solutions.

METU Civil Engineering Summits (2022, 2023, 2024, 2025) – Participant
• Engaged with industry professionals, researchers, and students to discuss innovation and sustainable design in civil engineering.
• Gained insights into project management, materials, and infrastructure development.

SKILLS
• MS Office, AutoCAD, Revit, Navisworks
• Structural Analysis (SAP2000, TNX Tower, Siemens NX, RISA-3D)
• Data & Report Preparation
• Quality Control & Safety Awareness

ORCID

🔗 https://orcid.org/0009-0007-6606-3724