

HEVAL SALTİK

EDUCATION

2023-Present Middle East Technical University, Ankara

M.S. in Structure (Ongoing)

Thesis Subject: A Numerical Study on Lateral Bracing of Steel Moment Resisting Frame Beams

(Supervisor: Prof. Dr. Cem Topkaya)

2017-2021 Hacettepe University, Ankara

B.S in Civil Engineering, High Honor Graduate (3.51/4.00)

RESPONSIBILITIES

- Analyze and design steel and reinforced concrete structures, ensuring compliance with international norms such as Eurocode, TBDY, SP, ASCE, and AISC.
- Create mathematical analysis models, and document all the analysis and design processes.
- Conduct a literature review effectively to develop a design basis or enhance technical background.
- Collaborate with clients and interdisciplinary teams to meet project goals.
- Supervise and reviewed drawings, reports, and design documentation.
- Perform quality control and ensured deliverables met project requirements.
- Manage workflows, issue resolution across disciplines with the help of BIM program.

EXPERIENCE

Structural Design Engineer

PrimaLuna Engineering & Consultancy | Full-Time

June 2022 - Present | Turkey

Gas Processing Complex within Ust-Luga Ethane-Rich Gas Processing Cluster (Gazprom&Linde Engineering – Rencons Heavy Industries)

- Perform analyze and design of steel structures pipe racks according to Russian norms.
- Conduct design and analysis of RC pile foundations.
- Design connections for steel elements and carry out quality control of steel and reinforced concrete drawings.
- Collaborate with interdisciplinary teams, including piping and electrical, to resolve issues using BIM models.
- Manage and track project requirements with customers and clients.

Ceyhan PDH-PP Plant (Tecnicas Reunidas – Rönesans Holding)

- Perform analyze and design of warehouse-type steel buildings according to American norms.
- Preparation of detailed structural calculation report.
- Carry out quality control checks for related documents and drawings.

ARCTIC LNG2 GBS Project (Novatek)

- Manage and track multidisciplinary requirements to align with project goals.
- Identify and transfer issues to relevant teams for resolution using BIM programs.
- Coordinate and plan activities to ensure timely and efficient solutions.

SISECAM Flat Glass Plant Project (Şişecam – Prokon)

- Analyze and design of steel conveyor bridge & RC foundation according to the Turkish norms.
- Member detailing and connection design of the members.
- Preparation of detailed structural calculation report.

Sakarya Gas Field Development Project (Turkish Petroleum – Rönesans Holding)

- Analyze and design reinforced concrete structures such as culvert, retaining wall, pit, pile, raft foundation, and pedestal.
- Follow Turkish norms during the design process.
- Calculation of the connections of steel structures, including steel platforms, and secondary elements utilizing FEM and linear calculation methods.
- Track interdisciplinary workflows using BIM models.
- Preparation of detailed structural calculation reports.

Civil Engineer (Intern)

Yıldızlar Grup | Internship

Construction of RC Buildings for Ankara Gendarmerie and Coast Guard Academy

August 2020 - September 2020 | Ankara, Turkey

- Gain understanding of civil engineering processes by reviewing plans, attending on-site evaluations, and observing how real-life construction aligns with the design.

Summer Intern (Civil Engineer)

Türkerler Holding | Internship

Ankara Etlik Integrated Health Campus Project

August 2019 - September 2019 | Ankara, Turkey

- Learned about structural analysis processes, project implementation strategies, and coordination efforts by observing engineers and contractors on the Ankara Etlik Integrated Health Campus Project.

SKILLS AND ABILITIES

Software Proficiency

Microsoft Office applications, AutoCAD, SAP2000, IdeaStatica, Navisworks, Matlab, Abaqus

Languages

English (Fluent), Turkish (Native)