

# Ahmad Kara

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## EDUCATION

**Bachelor of Science (B.Sc.):** Civil Engineering  
Middle East Technical University, Ankara, Turkey, (2018 -2023) [ncc.metu.edu.tr](http://ncc.metu.edu.tr)

## WORK HISTORY

### Site Engineer

Swdairy Abdulrahman Saud Construction & Contracting Company (SAS)  
Riyadh, Saudi Arabia (05/2024 - 08/2024)

- **Oversaw site activities** to ensure work adhered to plans and schedules.
- **Coordinated with contractors** and suppliers for material delivery.
- **Interacted with the consultant** and handed over completed work on-site.
- **Monitored quality and safety** to maintain project standards and compliance.

### Assistant Project Manager & Technical CAD Engineer

TMRAD Company for Woodwork  
Riyadh, Saudi Arabia (09/2023 - present)

- **Created CAD drawings** for custom woodwork projects, for manufacturing.
- **Performed site surveys** to capture as-built dimensions and adjust designs.
- **Developed designs** for custom components, ensuring technical accuracy.
- **Reviewed specifications** for project execution, ensuring quality and deadlines.

## PROJECTS

- **Office Complex Construction, Riyadh:**  
Supervised excavation, foundation, and skeleton works (SAS Co.).
- **Woodwork for Al-Yamamah Palace, Riyadh:**  
Shop drawings for doors and car shade cladding (MBL as the main contractor).
- **Storm Water Network Design:**  
Designed stormwater solutions using EPA SWMM and Google Earth Pro for optimized water flow and flood mitigation.
- **Dam Design for Flood Control:**  
Conducted hydraulic modeling and site evaluation using HEC Family and ArcGIS to support flood management strategies.
- **Fire Risk Mapping:**  
Created risk assessment maps using ArcGIS to categorize and mitigate potential fire hazards.

## TECHNICAL SKILLS

- **AutoCAD & Revit BIM** Design.
- **Topographic Mapping & GIS (ArcGIS Pro, ArcMap).**
- **Water Resources Engineering Software (EPA SWMM, HEC- HMS, HEC-RAS).**
- **Frequency Analysis Software (HEC-SSP, HEC-DSSVue).**
- **Microsoft Office Suite**

## SOFT SKILLS

- **Adaptability and eagerness** to learn.
- **Time management and meeting** project deadlines.
- **Strong problem-solving and critical-thinking** abilities.
- **Team leadership and coordination.**

## LANGUAGES

- **Arabic:** Native
- **English:** Fluent
- **Turkish:** Intermediat