

# Abdulazeez Rafid

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## DISCIPLINE

Civil Engineer & CAD Designer

## STATUS

- Seeking employment. In between, hobbies and self-study: RFEM, BIM and AI vibe coding. (see [atlas-reign.online](https://atlas-reign.online))



Civil engineer working in urban water infrastructure and road alignment. Two and a half years as a designer at a Styrian engineering office, preceded by three years as a technical draftsman in timber construction — from concept drawings through to production-ready detail plans, increasingly in 3D.



## PERSONAL DETAILS



Graz, Austria



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Iraq (born), Austria (naturalized)



Fitness, technology and reading



## EXPERIENCE

### Design Engineer davitech GmbH, Gleisdorf

04/2023 – 09/2025

- Design work in urban water infrastructure and drinking water supply.
- Water protection and drainage systems — from concept through to detailed design.
- Road alignment and traffic routing.
- 3D modeling across a range of projects.

### Technical Draftsman Scalahaus Holzbau GmbH, Graz

12/2019 – 05/2022

- Produced and checked concept, call-off, construction, production and detail drawings.
- HVAC, plumbing and electrical (HKLSE) drawings, coordinated between design, construction and clients.
- Coordination with the external structural engineers, and checking of their structural specifications.
- Client support from first enquiry through to drawing approval.

### Team Member Kuhn Systemgastronomie GmbH, Graz

07/2016 – 12/2019

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## Civil Engineering Internship Convex ZT GmbH, Graz

02/2016 – 04/2016

- CAD drafting.
- General office duties, and integration into Austrian engineering-office practice.

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## Civil Engineering Internship Civil Engineering Co. Ltd, Erbil

06/2012 – 09/2012

- Site supervision on production lines for precast, prestressed structural concrete elements — girders, hollow-core slabs and cheek walls.
- Raw material sampling, and preparation and testing of compressive strength specimens.
- Project management support: logistics, scheduling and cost tracking.
- CAD drafting.



### SKILLS

#### CAD & BIM

 AutoCAD Civil 3D  
 Revit  
 ArchiCAD

#### ANALYSIS & GIS

 Bentley STAAD.Pro  
 QGIS

#### OTHER

 MS Office  
 Photoshop

#### CURRENT SELF LEARNING CURVE

RFEM  
BIM  
AI vibe coding

#### LANGUAGES

Arabic (native)  
German (course A1–B2)  
English (ESOL)

#### STRENGTHS

Reliability  
Precision  
Self-sufficient  
Willingness to learn  
Collaborative



### EDUCATION

#### BSc Civil Engineering

University of Technology, Baghdad • 2009 – 2013

#### German course A1 — B2

Deutsch und Mehr Institut, Graz • 2015 – 2016

#### ESOL English course

Columbia College, Missouri, USA • 2013



### CREDENTIALS

#### Degree recognized in Austria

Civil engineering, road and bridge construction • Assessed by the Austrian Federal Ministry, 26.03.2015

#### Driver's license, category B

#### Forklift license