

# Arzu Rahimov

Civil/Structural Design Engineer

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2023-Present

**Structural Design Engineer, North West Construction, Baku-Azerbaijan**  
Project Name – Design of Industrial and Residential Buildings.

Analysis/Design footings, strip footing, combined footings.  
Analysis/Design of reinforced concrete columns, beams, slab, stairs.  
Preparation of bar bending schedule.  
Analysis/Design steel structural frames.

2019 -2023

**Civil/Structural Designer, Worley, Baku-Azerbaijan**  
Project Name – GE0094 (GEORGIA), CGLP, AZ1031, ST1064, ST1099, ST0265,  
TR0021 (TURKEY), HATTON - NATIONAL GRID (UK – GLASGOW),  
INEOS PLPG (UK – GLASGOW)

Design/Draft of Roads and Paving layouts.  
Design/Draft of attenuation tank, ramp and Handrailing G.A and Details.  
Design/Draft of manholes and cable drawpits.  
Design/Draft of steel structures, pipe racks, pipe supports, cable tray supports.  
Design/Draft debris fences and concrete blocks.  
Design/Draft in fuel gas, fire valve pits.  
Design/Draft of civil foundations.  
Production of civil/structural detailed drawings plans and layouts.  
Preparation of bar bending schedule.  
Civil and structural design as per point cloud.  
Offshore Topside penetration drawings.  
Check of civil and structural drawings.

2017 – 2019

**Civil Engineer, DDLAR, Sumgayit – Azerbaijan**  
Project Name – Construction of Azerfloat Glass Factory.

Supervision on construction of pile and matt foundations and combined footings.  
Supervision on construction of reinforced concrete columns, shear wall, beams, slab.  
Supervision on construction of steel structures, pipe racks, pipe supports, cable tray supports.

2016 – 2017

**Junior Civil/Structural designer, Baku city Circuit, Baku-Azerbaijan**  
Project Name – F1 race track design for Baku City Circuit.

Production of 2D and 3D civil/structural/architectural drawings.  
Implementation of design change on City Circuit master plan.  
Supervision of installation and dismantle of temporary steel structures.  
Design of Steel kerbs and its foundations

## Education

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2020 - 2022	Msc Structural Engineering, Baku Engineering University, Baku - Azerbaijan
2012 - 2016	Bsc Civil Engineering, Khazar University, Baku – Azerbaijan.

## Publications

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2022      STUDY OF EARTHQUAKE RESISTANCE OF 10-STOREY REINFORCED CONCRETE RESIDENTIAL BUILDING TO BE CONSTRUCTED.

## Experience detail

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### 2023-Present Civil Structural Design Engineer, North West Construction, Baku-Azerbaijan.

Project Name – Design of Tabaterra Tobacco factory.

- As a Civil and Structural design engineer, I am responsible from the Civil/Structural design/draft phase of Tabaterra Tobacco factory.

### 2019 - 2023 Civil/Structural Designer , Worley, Baku-Azerbaijan.

Project Name – GE0094 (GEORGIA), CGLP, AZ1031, ST1064, ST1099, ST0265, TR0021 (TURKEY), HATTON - NATIONAL GRID (UK – GLASGOW), INEOS PLPG (UK – GLASGOW)

- As a Civil and Structural designer, I was responsible from the design/draft phase of Civil foundations, Civil underground services and Steel Structures in onshore brownfield facilities.

### 2017 - 2019 Civil/Structural Designer, DDLAR, Sumgayit-Azerbaijan.

Project Name – Design / Construction of Azerfloat Glass Factory.

- Design/Construction of Azerfloat Glass factory have been constructed for 12Ha area in Sumgayit Chemical and Industrial park. As a Civil Engineer, I was responsible from the supervision on construction of reinforced concrete and steel structures.

### 2016 - 2017 Junior Civil/Structural designer, Baku city Circuit, Baku-Azerbaijan.

Project Name – F1 race track design/installation for Baku City Circuit.

- As a Junior Civil and Structural designer, I was responsible from the design and draft of master plan, concrete blocks, debris fences, steel kerbs and its foundation.

## Specialist and technical skills

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- AutoCad
- E3D
- Autodesk Revit
- Advance Steel
- SAP2000
- ETABS
- SAFE
- Microsoft Office

## Languages

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- Azerbaijani - native
- English - C1
- Russian - C1
- Turkish - C1