

## Qazal Mirzavand



### **Design Engineer Water & Environment**

#### **CONTACT DETAILS**

0405 935 735

The Palms, Unit 4  
62 Glen Osmond Road  
Parkside SA 5063

#### **QUALIFICATIONS**

- Master of Science in Highway Engineering
- Bachelor of Science in Survey Engineering
- Certified in REVIT structure

#### **PROFESSIONAL ASSOCIATIONS**

- Member of the Irrigation Association of Australia

Qazal has several years' experience as a Civil Engineer, having been engaged by reputable engineering companies in Tehran focusing on detailed design of roads and highways.

In addition, she has a vast knowledge of all drafting software and techniques and is highly proficient in the use of REVIT, Civil 3D and AutoCAD.

Qazal has been involved in the coordination, planning and design of numerous large infrastructure projects.

- Irrigation system design including commercial landscape, turf and horticulture
- Detailed road and highway design
- Pump station design
- GIS Data (eg ESRI shapefiles for asset management)
- Computer aided drafting – AutoCAD and Civil 3D

#### **Professional experience**

- Pinion Advisory (HydroPlan) – Design Engineer – 2019-present

# CAPABILITY STATEMENT

## Relevant projects

PROJECT	ROLE	CLIENT	YEAR/S DELIVERED
Dam design and drafting	Designed a 400ML storage with clay lining dam using 3D software to produce a cost-effective design whilst avoiding unsuitable soil and fluctuating water table	Koorolong Storage, VIC	
Dam design and drafting	Produced a cost-effective 3D draft and design for a 150ML storage, clay lined dam while avoiding site rock, which is prevalent in the region	Moculta Storage, SA	
Technical management	Technical manager producing numerous initial roadway plans, designing roads and highways, forecasting, scheduling and preparing project submissions	Various clients	
Highway engineering design	Highway engineer designing highways/roads using survey data, existing design drawings, and AASHTO policies and procedures	Various clients	