



Last Name: **Kazem** First Name: **Masoud** Mid Name:----  
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 E-mail address: **Mas\_kazem@yahoo.com**  
 Date of Birth: **February, 1985**  
 Place of Birth: **Tehran- Iran**  
 Nationality: **Iran** Gender: **Male** Relationship: **Married**  
 Residential Area : **North Janat Abad – Tehran -Iran**

## WORK EXPERIENCES




Job Title	Organization	Duties/Responsibilities	Interval	Managerial / Coordinator Role
Administrator of Hydraulic Design Department	TavanAb Consulting Engineers Co. Tehran- Iran	Team Director, Design Management, Supreme Supervisory, technical coordinating	May 2016 Now(2019)	yes
Senior Water Engineer	TavanAb Consulting Engineers Co. Tehran- Iran	Design (Canal and dependent Structures)	July 2015 May 2016	-
Senior Construction Engineer (Part Time)	A.B.Qumes Engineering Co, Tehran	Planning and Project Evaluation	March 2015 March 2019	yes
Head of Technical office (Project)	Omran va Tolidi Niroo Construction Co. Tehran- Iran	Technical Coordinator of Project/ Supervisory over Sub-Contractors	Nov.2013 Sep. 2014	yes
Junior/Senior Construction Engineer	Omran va Tolidi Niroo Construction .Co Tehran- Iran	Providing Shop Drawings and Construction Maps/ Concrete Structure Design And Construction	Nov. 2009 Nov. 2013	-
Junior Construction Engineer	Private Construction Team. Tehran- Iran	Providing Shop Drawings and Construction Maps	Sep. 2009 Nov. 2009	-
Intern/Junior Civil Engineer (Part Time)	PalarDej Consulting Engineers Co. Tehran- Iran	Intern Civil Engineer/ Arranging Maps/Data Gathering	Sep. 2007 March. 2009	-

## LANGUAGES

I. First Language: **Persian** (Farsi)

II. Second Language: **English** (Fluent in Speaking, Writing, Listening and Reading, **IELTS Band Score 7**, Two Semester Study as Researcher in The Water Field at Queensland – Australia (2014-2015))

**EDUCATION**

<b>Degree</b>	<b>Area of Study</b>	<b>Institute</b>	<b>Date</b>	
PhD (Candidate)	Civil /Hydraulic Structures Engineering	 Iran University of Science & Technology IUST	Iran University of Science and Technology – Tehran-Iran	Finalized Courses , in Research Phase
Master of Engineering	Civil/ Water Engineering	 دانشگاه صنعتی امیرکبیر (پلی تکنیک تهران)	Amir Kabir University of Technology (Tehran Polytechnic)- Tehran -Iran	Sep2007- Feb2010
Bachelor of Engineering	Civil Engineering	 دانشگاه صنعتی خواجه نصیرالدین طوسی ۱۳۰۷	KhajeNasirToosi (K.N.Toosi) University of Technology – Tehran- Iran	Sep2003- Sep2007

**SUMMARY OF PROFESSIONAL SKILLS AND CAPABILITIES**

**I. Areas of expertise:** Hydraulic Engineering (Open Channels and Dependent Structures and Facilities including Intakes, Siphons, Culverts, Bridges, Flow Control Gates, Super Passages etc. ) , Large Diameter Pipe lines (LDP) , Hydro-Mechanical Equipments, River Training, Water Transfer Facilities , Water Resources Management (Allocation) , Climate Change Mitigation, Construction Engineering and Planning including Sketching And Shop Drawings (Both Steel and Concrete Structures) ,Tender Document (Accompany Technical and Evaluation booklets up to 1000 billion Rails) ,Geotechnical Engineering (Stability analysis of Hydraulic Structures and dependent structures such as Retaining walls , Dikes etc.),Spatial Analysis for Site Selection, Developing Technical and Contract Documents in English Language

**II. Credentials or specialized training pertinent to expertise:**

1. River Modeling via HEC-RAS – Iran University of Science and Technology
- 2.HSE Certificate (Construction Sites )
- 3.Value Engineering Workshop( Level 1 & 2) - Certified by Kurit Kara Consulting Eng. Co
4. Welding Workshop - Certified by KhajeNasirToosi (K.N.Toosi) University of Technology
5. Construction Engineering trainee Course of "Implementation Qualification" - Certified by Dr. Shariaty Technical and Vocational College and Iran Construction Engineering Organization

**III. Computer skills:**

1. Operating Systems: MS Windows.
2. Computer Languages: C/C++, Visual Basic
3. Scientific Applications: MATLAB, Ansys (finite element model)
4. Professional Applications: HEC-RAS, WEAP (Water Evaluating and Planning Program)/LINGO (Optimization software)/ MAGICC- SCENGEN climate forecasting model, Flow3D (Limited), SAP/SAFE/ETABS (structural design-Limited), Flow Master, ArcGIS, ENVI
5. Technical Drawing: AutoCAD , Auto Desk 3D Civil
6. Office Applications: Microsoft PowerPoint, Access, Excel, Word

## RELEVANT ACADIMC PASSED COURSE/COD

PhD	Scouring and Sedimentation Engineering, River Engineering, Application of GIS in Water and Environmental Engineering, Computational Hydraulics
Master	System Engineering and Optimization, Environmental impacts of water resources development, Risk analyses and management, Advanced Hydrology, Advanced hydraulic, Hydrodynamic , Sediment transmission Engineering, Advanced Engineering mathematics
Bachelor	Structure analysis, Construction methods, Concrete structures, Steel structures, Elementary finite element, Fluid mechanic, Open channels Hydraulic, Hydraulic structures, Hydrology, Water and waste water networks engineering, Water and waste water purification,

## COMPLETED / UNDER CONSTRUCTION PROJECTS

- Alborz Water Authority Reviewing Studies: Karaj and Taleqan River Training Studies (Review Phase) -TavanAb Consulting Eng. Co. Alborz –Iran
- Marivan Water Transfer Line: Invert Siphon (1\*1600mm Steel Pipe) and Dependent Facilities -TavanAb Consulting Eng. Co. Kurdistan -Iran
- KhodaAfarin Main Canal: Main Canal Body in Azerbaijan Province- TavanAb Consulting Eng. Co. Azerbaijan – Iran
- KhodaAfarin Irrigation Zone 4 : Irrigation facilities and dependent structures in Azerbaijan Province- TavanAb Consulting Eng. Co. Azerbaijan –Iran
- GhizGhale See Dam: Irrigation Canal Intake and Emergency Spillway -TavanAb Consulting Eng. Co. Azerbaijan –Iran
- KhodaAfarin Main Canal: Seven Series of Invert Siphons (5\*3000mm Steel Pipe) - TavanAb Consulting Eng. Co. Azerbaijan–Iran
- KhodaAfarin Main Canal: Main Bridges, Canal-Road Intersections (Layout) - TavanAb Consulting Eng. Co. Azerbaijan –Iran
- Tuba Shopping Center Building: First Stage of Steel Structure- Omran va Tolidi Niroom Co. Tehran –Iran
- Narges Shopping Center Building: Foundation, Concrete Structure and Façade- Omran va Tolidi Niroom Co. Tehran –Iran
- Rahvar Conference Complex: Foundation – Omran va Tolidi Niroom Co. Tehran –Iran
- MAPNA BOILER Head Quarter Building: Foam Concrete Flooring - PalarDej Co. Tehran –Iran
- Dez to Qomrood Water Transfer Project:Climate Change Risk Analysis–Iran Ministry of Energy and Amirkabir University of Technology. Lorestan -Iran