



Volkan Yilmaz

Date of birth: 21/09/1983 | **Nationality:** Turkish | **Gender:** Male | **Phone number:**

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● ABOUT ME

I am a " Hydroponic & Aquaponic (Fish / Prawn) R.A.Systems Vertical HighTech & Robotic Farming Facilities Installation Expert " .

I have been actively working on construction sites as a project development consultant / supervisor for fourteen years . I am involved in an actual setup, both physically and labour force .

"Aqua Culture Water Quality Calibration Balancing" , "Feeding Programs for Prawn / Fish" , "Larva Production and Care" , "Neo Female Selection and Development" , "Creation of all chemical composition formulas necessary to capture and balance all precise water values for fresh water and brackish water" , "Bacteria, Probiotic , Plankton and Algae Production" are some of the subjects on which i have advance knowledge and experience .I am I have advanced knowledge of 3D modeling and project technical drawing stages. I have advanced experience in solidwork detail part drawings.

I am familiar with the use of all interfaces regarding the programming and commissioning of MIR Robotics and Tote Autonomous Robots .

Since 2009, I have been working full-time and actively in the installation of hydroponics, advanced technology greenhouses and indoor aquaponic facilities. I have unlimited and valuable experience in every field of the sector, including foundation laying and concrete works in the construction of a facility, commissioning of the facility, establishment of PLC systems, training on feeding and growing, fertilization programs, pesticide management, water quality, occupational safety, logistics, supply chain and investor relations and sales.In the last 14 years, I have completed more than a thousand small, medium and large scale projects in more than 50 countries and delivered them to investors.

● WORK EXPERIENCE

26/12/2022 – CURRENT Bursa, Türkiye

PROJECT GENERAL DIRECTOR / CONSULTANT / INSTALLATION EXPERT OYAK HOLDING

Ministry of National Defense, Turkey Oyak Holding

Hektaş Training and Agricultural Technology Development Center Bursa Facility Design & Construction Systems whose installation and commissioning have been completed by me ;

GFP Prawn Indoor Aquaponic & Robotic Facility

Position , Project General Director

Project Budget , 86 Million USD

R.A.Systems, Biological Filters, Micro Filters, Protein Skimmers, Radial Flow Settlers, UV Sterilizers, Oxygen Aerators, Oxygen Cones, PLC Configurations, Acrylic aquarium and shrimp breeding tanks for total capacity 1680 Tons of water.

Robotic Systems, Mobile Industrial Robots (MIR) commissioning and assignment,

Tote to Person Robots commissioning and assignment .

Designing aquaponic vegetable growing walls that can be fed with fish waste fertilizers and establishing their connections with RAS .

3D CAD Modeling & Design & Technical Drawings .

"Aqua Culture Water Quality Calibration Balancing" , "Feeding Programs for Prawn / Fish" , "Larva Production and Care" , "Neo Female Selection and Development" ,
"Creation of all chemical composition formulas necessary to capture and balance all precise water values (Fresh Water & Brackish Water) " ,
"Bacteria, Probiotic , Plankton and Algae Production" are some of the subjects on which i have advance knowledge and experience .

Business or Sector Agriculture, forestry and fishing | **Department** Project Management & Design |

Website <https://www.oyak.com.tr/>

15/05/2020 – 10/12/2022 Jakarta, Indonesia

PROJECT MANAGER / CONSULTANT / DESIGNER MINISTRY OF ECONOMY INDONESIA / CELEKOM HOLDING / DBS BANK SINGAPORE

Multi System Greenhouse Project - Jakarta

Systems whose installation and commissioning have been completed by me ;

604,800 SQM Greenhouse, Warehouse and AGV Robotic Systems

Position , Project General Manager

Project Budget , 170 Million USD

200 Units of Hydroponic Greenhouses . Each unit 3024 SQM . Foundation, Inner & Outer Shading,Electronic Film Roller, Cool Pads, 10+1 Channel Fertilizer System, Pipe Work, Electrical Design, Logistics . The greenhouse area of 604800 square meters was organized by me from the foundation laying stage to the first plantings, with 554 personnel under my complete control.

Business or Sector Construction | **Department** Project Manager / Designer |

Website <https://www.celekomindonesia.com/>

06/06/2018 – 06/01/2020 Abu Dhabi, United Arab Emirates

DESIGNER / CONSULTANT SUSTAINABLE CITY ABU DHABI

Sustainable City Abu Dhabi,
Development Team Member.

Desing of Animal Barns. Desing of Animal Waste Recycle Systems (Fertilizer & Bio Gas) . Desing of Bird Cages for Commercial Use . Design of Cold Storage Warehouse +4 . Installation of FreshVeggie Packing Machines & Packing Technologies .

Business or Sector Agriculture, forestry and fishing | **Department** Design

01/01/2013 – 01/01/2018 Dubai - Qatar - Bahreyn - Kuveyt - Srilanka - Japan, United Arab Emirates

AQUAPONICS AND HYDROPONICS INSTALLATION EXPERT SELF EMPLOYED

Since 2009, I have been working full-time and actively in the installation of hydroponics & aquaponics , advanced technology greenhouses and indoor aquaponic facilities. I have unlimited and valuable experience in every field of the sector, including foundation laying and concrete works in the construction of a facility, commissioning of the facility, establishment of PLC systems, training on feeding and growing, fertilization programs, pesticide management, water quality, occupational safety, logistics, supply chain and investor relations and sales.In the last 14 years, I have completed more than a thousand small, medium and large scale projects in more than 50 countries and delivered them to investors.

Business or Sector Agriculture, forestry and fishing | **Department** Installation

● EDUCATION AND TRAINING

10/09/2002 – 10/06/2009 Kocaeli, Türkiye

ECONOMICS AND ADMINISTRATIVE SCIENCES Kocaeli University

Bachelor Degree Kocaeli University Faculty of Economics and Administrative Sciences. Economics

" Analytical thinking within the framework of economy "

Bachelor Degree International Certificate EUA European University Association Diploma No : 77129

Website <https://www.kocaeli.edu.tr/> | **Field of study** Economics | **Level in EQF** EQF level 8 |

National classification 8

● LANGUAGE SKILLS

Mother tongue(s): **TURKISH**

Other language(s):

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken production	Spoken interaction	
ENGLISH	C2	C2	C2	C2	C2

Levels: A1 and A2: Basic user; B1 and B2: Independent user; C1 and C2: Proficient user

● DIGITAL SKILLS

Microsoft Office | Google Drive | Photoshop | 3D CAD Modeling | Movie Editor | Hosting Configuration | Web Site Designing | SolidWorks 3D Modeling

● DRIVING LICENCE

Driving Licence: B

● PROJECTS

01/01/2020 – 10/10/2023

My Certified Professional Skills

- Working at Height in Dangerous and Very Dangerous Works
- First Aid
- Climbing Equipment Use
- Work Safety
- Assembly in Dangerous and Very Dangerous Works
- Steel Constructor Training in Dangerous and Very Dangerous Works
- Exterior & Interior Covering and Insulation Training

● ORGANISATIONAL SKILLS

Speaker / Trainer

High Schools & Colleges & Universities Around GCC – Turkey - Asia .

I do presentations and working part time as a voluntarily speaker at universities and high schools .

Under topics of; Sustainable Farming in Harmony of Recycle . Hydroponics/Aquaponics & Animal & Waste Management & Water Recycle Systems and Sustainable Farm Designs . Work Harmony of Ecosystems & Secrets of Nature . History of Steel & Mining & Construction Techniques . History of Arrow and basic weapons of 15th Century . Design of Economic Models in Agriculture . Food Security .

14 years of full-time construction site labor and project management experience .

Multinational work environment experience, having taken part in projects in 40 or more countries