



# Ahmad Udwan

Mechatronics Engineer

Ahmad is a talented Mechatronics engineer who has distinguished IT skills in programming and development, currently engaging with an International Company as Engineering Systems Developer. I am pursuing a career path that I can both combine my Engineering as well as IT skills to make difference to my current and future employer.

✉ ahmad.udwan@gmail.com

☎ 0598365391

📍 Ramallah, Palestine

🌐 audwan.info

## WORK EXPERIENCE

### Systems Developer

#### Consolidated Contractors Company

12/2020 - Present

Working on developing advance work packages system for Oil and Gas projects

Achievements/Tasks

- Frontend developer with Angular implementing PrimeNg.
- Strong knowledge with angular, HTML5/ CSS3, JavaScript, XML, JSON, TypeScript.
- Design and prepare planning database on postgres.
- Create full 4D simulation interface through threejs.
- Familiar with spring boot, JHipster, liquibase.
- Design and build RESTful API for specific topics.
- Work with swagger, Postman and API testing frameworks.
- Familiar with git.

### Founder/Product Developer

#### Startup Company

01/2019 - Present

Enhancing data transformation between construction stakeholders through centralizing the information and implementing BIM technology in our solution.

Achievements/Tasks

- Full-stack android and web developer (by building a native android, web applications).
- Building and creating a 3D object viewer on android OS using (opengl2.0) with a strong understanding of the 3D files structures like wavefront files.
- Developing 3D objects converter on the Revit platform to feed the android viewer with a customized 3d format structure using XML.
- Designing and managing Real-time databases using (MySQL, firebase Nosql).
- Creating full backend API using core .net, frontend using HTML, CSS, bootstrap, javascript, and jquery.
- Familiar with webservers and node.js.

### BIM Engineer

#### Consolidated Contractors Company Oman

06/2017 - 12/2020

Mall Of Oman

Muscat, Oman

### Design BIM Engineer

#### Consolidated Contractors Company Palestine

04/2017 - 06/2017

BIM Center

Ramallah, Palestine

Achievements/Tasks

- Developing 3D BIM Models for Structural, Architectural as well as MEP disciplines as per project documents using Revit and AECOSim.

## EDUCATION

### BSc in Mechatronics Engineering

#### Birzeit University

01/2011 - 2016

Palestine, Ramallah

## SKILLS

Angular

C# Programming

Sql/Nosql

Java

Javascript

css/html

dart

Fusion 360

Solidworks

3D Modeling

3D Printing Expert

Product Design

IoT Expert

node.js

## ACHIEVEMENTS

The Big 5 Startup City - Dubai (11/2019)

shortlisted startup

Nominated as Innovator of the year in Autodesk -AEC Excellence Awards. (08/2019)

## CERTIFICATES

Revit Architecture Certified Professional (08/2018 - 08/2021)

Credential ID De5q-4T8Y

Value Engineering (08/2018 - Present)

Programmable Logic Control (PLC) (11/2013 - Present)

Certification from Edison Training Academy Center.30 hours - Ramallah, Palestine

## ORGANIZATIONS

IEEE Member (01/2013 - 01/2014)

Mechanical Engineering Club (09/2013 - 09/2014)

I programmed the Mechanical department Website and designed all the logos for club.

## LANGUAGES

Arabic

Native or Bilingual Proficiency

English

Professional Working Proficiency

## INTERESTS

Computer Programming

Hardware Programming

3D Modeling

Automation

IOT

3D printing

Application Development