

AMER MOHAMMAD HALLAQ

BACK-END ENGINEER

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📍 Palestine

SUMMARY

Experienced Mechatronics Engineer with a passion for software development. Skilled in JavaScript and Python programming languages, and known for time management and continuous learning that helped me to make a smooth transition where I'm seeking a challenging role in software development to apply my strong foundation in engineering principles and programming skills to contribute to impactful projects.

EXPERIENCE

BIM Engineer (Mechanical)

GAZELLE Engineers

📅 01/2020 - 02/2024 📍 Jerusalem

- Designed water supply, sanitary, drainage, fire fighting, and sprinkler systems for residential and commercial towers (+100 meters), hotels, and senior housing projects
- Implemented a 3D model for the mechanical systems using Revit 2019, and 2020

Project Production Engineer

Consolidated Contractors Company (CCC)

📅 05/2019 - 11/2019 📍 Kazakhstan

- Introduced to the project production control and SPS tools to support site team and project controls planning and cost.

Project Engineer (Solar Energy and Monitoring)

Al-Kafaah Clean Energy Solutions

📅 05/2017 - 02/2019 📍 Palestine

Company Description

Construction Engineer (E&I)

Consolidated Contractors Company (CCC)

📅 08/2015 - 05/2017 📍 Oman

- Set up a site control system for monitoring progress, productivity, and material control between site and store
- Managed and supervised a team of 30 supervisors and skilled workers to install electrical and instrument equipment
- Achieved a significant saving of project material related to electrical works

Associate Product Manager

Freightos

📅 05/2015 - 08/2015 📍 Palestine

- Worked together with R&D engineers and product team to add new features to SaaS products for freight forwarders
- Introduced to the freight industry, freight forwarders, product management, SaaS, and marketplace

Lab Assistant

Birzeit University

📅 10/2013 - 05/2014 📍 Palestine

- Worked as an intern in the mechatronics laboratories to supervise and help junior students while performing experiments and preparing reports

SKILLS



Programming Languages

Python, JavaScript(ES6, Node.js), HTML5, CSS, SQL



Frameworks/Libraries

Flask, Django, React, Node.js, Express.js



Databases

MySQL, MongoDB



Tools

Bootstrap, REST API, JSON, Socket.io, AWS(EC2), MySQL Workbench, Git, GitHub



Languages

Arabic(Native), English, Hebrew



Others

Project Management, Construction, BIM, Agile

EDUCATION

Mechatronics Engineering (B.Sc.)

Birzeit University

01/2009 - 01/2014 Birzeit, Palestine

Back-End Developer Certificate

TAP Careers

01/2024 - Present Remote

Full-Stack Developer Certificate

AXSOS Academy

01/2022 - 01/2023 Ramallah, Palestine

CERTIFICATION

SPS Production Manager

Chevron Kazakhstan 2019

Construction Planning & Scheduling

CCC Training Center Oman 2017

Back-End Development (JavaScript, Node.js, Express.js)

TAP

Fronius Solutions & Design

Fronius International GmbH Austria 2018

Web Fundamentals, Python Stack (Django, Flask)

Axsos Academy

PROJECTS

Pick to Fly

Travel advisor and rating application using Python / Django

- Utilized jQuery to streamline login and behavior
- Designed the wireframe and workflow using Balsamiq
- Employed Django framework for fast implementation of additional features via Django templates such as user dashboard, varied login authorization, and flash messages
- Used back-end validations to verify user input and keep data consistent for the user