



Muhammed Fouad Al Malathi

Curriculum Vitae

Personal Information




Mobile	(+966) 54321 4500	Nationality	Syrian
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Website	www.almalathi.com	Marital status	Single
Address	Al Khobar, Saudi Arabia		
Memberships	Saudi Council of Engineers		

Profile

Civil engineer with extensive experience in the development & deployment of database-driven applications with focus on operation automation, content management & analytics.

My role at Al Kuhaimi Metal Industries as junior developer has provided me with a diverse and multifaceted experience, exposing me to various fields within the organization. I have implemented a number of cloud solutions that integrate with existing ERP using NodeJS/ Express & MySQL. As well as continuously supporting this system with additional modules & features.

I look forward to new challenges within environments that foster continuous learning and growth, where I can contribute my skills and knowledge to enhance the success of organization and further expand my professional portfolio.

Education	
2018-Feb 2023	MSc. in Civil Engineering, University of Bahrain - Bahrain <ul style="list-style-type: none"> <i>Thesis:</i> Design Optimization of Composite Steel Plate Girder Bridges. (Second Class Honors)
2013-2017	B.Sc. in Civil Engineering, University of Bahrain - Bahrain
2012-2013	Preparatory Level-UniDiploma, Dammam Community College
Experience	
Nov 2020–current  	Al Kuhaimi Metal Industries Ltd. – Dammam, Saudi Arabia Junior system developer <ul style="list-style-type: none"> Engineering & R&D <ul style="list-style-type: none"> Complete 2D design automation application for security doors & frames (CNC cut-list & P4 panel bending). Total achieved reduction in engineering cycle time 60-90%. Tool for automatic BOM calculations using standard company input files (CSV/ Excel). General <ul style="list-style-type: none"> Centralized platform for sales to create & manage installation quotations in coordination with installation team. Project management & planning platform for tracking on-going projects with project-specific activities tracker. Summary dashboards for sales, invoicing & collection. Financial reports <ul style="list-style-type: none"> Report: Accounts Aging Receivables / Payables. Report: Client Statement of Account. Report: Collection Summary. Report: On-going projects & outstanding. System: Letter of Credit, Letter of Guarantee & loans. ERP related <ul style="list-style-type: none"> Handled creation of new generic products using the PCF tool (Product Configuration) within BAAN (Infor) ERP. Optimized a number of existing SQL queries for existing reports.
Dec 2017–May 2018 	Gyptech, Mohd. & Faris Saeed Al Hashim Trading Ltd. – Saudi Arabia Draftsman & quantity estimator <ul style="list-style-type: none"> Preparation of project BOQ. Sketching of shop drawings & cut-list.
Skills & Tech stack.	
Languages	<ul style="list-style-type: none"> Arabic (Native), English (Excellent). German (C1.1), Goethe Institute, Germany (July 2018).
Application backend	NodeJS/ Express, PHP 7.4
Application frontend	HTML, CSS, JavaScript, jQuery
Database & storage	MySQL, SQL server, AWS S3, DigitalOcean Spaces
Hosting & DNS	CloudFlare, DigitalOcean
Other software	Excel VBA, AutoCAD, Maker.js (2D CAD automation), Solver optimization
Pipeline	Machine learning & AI using Tensorflow.JS.

Portfolio & sample applications are available upon request