

# Jose Rogelio Ibarra

I have been a Software Professional since 2014. I am a Full-Stack Software Engineer and I have also served as a Project Manager, Database Administrator, and UI/UX Designer. I work with Enterprise applications following the MVC design pattern with AngularJS - Angular 11 in the front-end, C# with ASP.NET framework in the API, and Relational Databases.

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## EXPERIENCE

### Full-Stack Software Engineer (Freelance) – Machine Learning & Custom Object Detection

Mar 2021- Current

I am currently working on an Android application written in Kotlin & Java that uses machine learning and leverages Google's Image Labeling and the Object Detection & Tracking API for custom image classification.  
(Tensorflow Hub/Python, MLKit, Android-Java/Kotlin, Firebase NoSQL)

### Steele Consulting Inc, El Paso, TX – Software Engineer/Project Manager/Team Leader

Feb 2014 - Mar 2021

At Steele Consulting Inc. I started as a junior developer and grew my skills and experience to become a Lead Software Engineer, Project Manager, UI/UX Designer, and Team Leader. As a Project Manager, I have served up to 9 clients at a given time and was responsible for end-to-end product delivery for all the projects. As a team leader, I have led and mentored teams of developers between 3 - 6 people at any given time and from a range of skill levels from tech-leads to interns.  
(ASP.Net MVC, MS SQL, Html, AngularJS - Angular 11, Bootstrap, CSS, JavaScript)

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## PROJECTS

### Viva Capital Funding, LLC (January 2021) – Software Engineer

I implemented an encryption service to secure bank information at rest and in transit. I leveraged a custom secure key management technique unique to Viva Capital where it involves using AWS Secrets Services to store a secret used to generate the encryption key "on-the-fly". The result is never having to manage the individual encryption key, removing username and passwords from the application's web config file, and leveraging access policies using Identity and Access Management in AWS.

(Encryption Standard Used: AES-CCM; HTML5/Typescript; Angular 10; C# - .NET Framework MVC; Microsoft SQL Server Datacenter; AWS)

### Endeavor DNA Laboratories (April 2020) – Software Engineer

I designed and coded features for the lab engineers to add and replace digital signatures, manage client logos for reporting purposes, and manage user roles and permissions. I developed relatively popular features like image comparisons on confirmation prompts, implemented form validation, and automated migration processes from AccessDB to PostgreSQL.  
(Docker Containers; HTML5/Typescript; Angular 9; Python; Flask; AccessDB; PostgreSQL; AWS)

### Stagecoach Cartage & Distribution LP (July 2018) – Project Manager / Team Leader

I led a team of developers to rewrite an Android native application in an Angular codebase that runs on iOS and Android platforms using the Ionic Framework. This application included a barcode scanner feature to scan and track incoming and outgoing shipments and bind package data with their associated parent container. The project was deployed successfully to production without any complications and it is in continuous use in the transportation and warehousing services for this client.  
(Ionic Framework; Angular 4-5; .NET Framework 4.7.2 - C#; Microsoft SQL Server 2017 Datacenter)

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## Activities & Awards

Adult Soccer League Coordinator/Director/Player (2016 - 2018); Abundant Faith Living Center - English/Spanish Interpreter (2017); Upper Valley Vineyard Church - Youth Leader/Missionary (2014 - 2019);

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## Skills & Languages

C#  
Python  
T-SQL  
JavaScript  
TypeScript  
HTML  
Java  
Kotlin

MSSQL  
MySQL  
PostgreSQL  
NoSQL

Progressive Web Apps  
iOS  
Android

AWS  
Microsoft Azure

AngularJS - Angular 11  
Python-Flask  
ASP.NET Framework  
Ionic-Cordova  
CSS

### Encryption Standards

AES GCM & CCM modes (Standard & Hybrid)  
DES and Triple DES  
Symmetric/Asymmetric Encryption  
RSA Digital Signatures

## Detailed Work Experience, Projects & Roles Since 2014

Company	Application Name	Role	Created Date
Morgan Group <a href="https://www.morgangroup.com/">https://www.morgangroup.com/</a>			
	Admin Portal	Software Engineer	Feb 2, 2016
	Investor Portal	Software Engineer	Feb 2, 2016
ActiveAero <a href="http://login.activeaero.com/">http://login.activeaero.com/</a>			
	USA Jet Airlines	Software Engineer	May 3, 2016
	Online Manuals	Software Engineer / Applications Architect	May 3, 2016
Spectrum <a href="https://www.spectrumistech nology.com/">https://www.spectrumistech nology.com/</a>			
	SpectraFlow	Software Engineer / Project Manager	Feb 5, 2018
	SRM	Software Engineer / Project Manager	June 5, 2018
ElderCounsel <a href="https://eldercounsel.com/">https://eldercounsel.com/</a>			
	ElderCounsel	Software Engineer	Sept 18, 2017

Mallory Metal <a href="https://www.mallorymetal.com/">https://www.mallorymetal.com/</a>			
	Mallory Metal	Software Engineer / Project Manager	May 7, 2019
Steele Consulting <a href="https://www.steeleconsult.com/">https://www.steeleconsult.com/</a>			
	BTX	Software Engineer	Feb 10, 2014
	Hbird	Software Engineer	Mar 31, 2016
	Universal Emailer	Software Engineer	Feb 10, 2014
Peter Piper Pizza (intranet)			
	PizzaWeb	Software Engineer / Project Manager	Mar 21, 2018 - Mar 2021
Sky Transportation <a href="https://www.sky-transportation.com/">https://www.sky-transportation.com/</a>			
	Sky Transportation Admin Portal	Software Engineer / Project Manager	Feb 21, 2019 - Mar 2021
	Sky Transportation Client Portal	Software Engineer / Project Manager	
Stagecoach (intranet)			
	RailCar	Software Engineer / Project Manager	April 2, 2014 - Mar 2021
	Clock Out	Software Engineer / Project Manager	April 2, 2014 - Mar 2021
	Dock	Software Engineer / Project Manager	April 2, 2014 - Mar 2021
	Mobile Apps - Warehouse Scanner App	Project Manager / Application Architect	April 2, 2014 - Mar 2021
	Mobile Apps - Driver Pay	Software Engineer / Project Manager	April 2, 2014 - Mar 2021
	RFID Administration	RFID System Engineer / RFID Field Application Engineer	April 2, 2014 - Mar 2021
	Sharepoint	Software Engineer / Project Manager	April 2, 2014 - Mar 2021
	Dock Customer	Software Engineer / Project Manager	April 2, 2014 - Mar 2021

	Dock External App	Software Engineer / Project Manager	April 2, 2014 - Mar 2021
	Load Notification App	Software Engineer / Project Manager	April 2, 2014 - Mar 2021
	Task Minder	Software Engineer / Project Manager	April 2, 2014 - Mar 2021
	Time Clock	Software Engineer / Project Manager	April 2, 2014 - Mar 2021
	Transload	Software Engineer / Project Manager	April 2, 2014 - Mar 2021
	RFID Hardware	Software & Hardware Engineer / Project Manager / Lean Architect	April 2, 2014 - Mar 2021
vCFO <a href="https://portal.vcfo.com/">https://portal.vcfo.com/</a>			
	vCFO Portal	Software Engineer/ Lead Architect	May 18, 2020 - Mar 2021
	Hbird	Software Engineer/ Lead Architect	May 18, 2020 - Mar 2021
VIVA <a href="https://quickpay.vivacf.net">https://quickpay.vivacf.net</a>			
	Viva Pay App	Software Engineer / Security Architect	Jul 29, 2020 - Mar 2021
General Electric (Arden Real Estate / Hudson Pacific Properties) (intranet)			
	MRI Application Management	Software Engineer	Jun 23, 2014
Rich Logistics <a href="https://richlogistics.com/">https://richlogistics.com/</a>			
	RichMMS	Software Engineer	July 30, 2018
	RichRFID	Lead Architect / Project Manager	July 30, 2018
	RFID Hardware	RFID Systems Engineer / RFID Field Applications Engineer	August 21, 2018 - Mar 2021
	Rich Admin Dashboard	Software Engineer / Project Manager	August 21, 2018- Mar 2021
	RichMMS Mobile Application	Software Engineer / Project Manager	
RoadRunner Transportation Systems <a href="https://www.rrts.com/">https://www.rrts.com/</a>			

	CBA	Software Engineer	May 28, 2019
	DSC	Software Engineer	May 28, 2019
	MPG	Software Engineer	May 28, 2019
DNA Endeavor <a href="https://endeavordna.com/">https://endeavordna.com/</a>			
	Report Generator	Software Engineer	Oct 16, 2019
InterviewStream <a href="https://interviewstream.com">https://interviewstream.com</a>			
		Software Engineer	Feb 14, 2014
Responsive Learning & Fox Co. <a href="https://responsivelearning.com/">https://responsivelearning.com/</a>			
		Software Engineer	Mar 10, 2014
TCG JEM - Doc Lib <a href="https://admin.tcgservices.com">https://admin.tcgservices.com</a>		Software Engineer	
			Jan 21, 2016
Redwood Logistics LLC (intranet)			
	LoadRunner EDI	Software Engineer	Oct 14, 2019