

Jacob Garcia

SOFTWARE ENGINEER · FULL STACK DEVELOPER

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*"It's widely recognized that if you're not failing now and then, you're not being innovative enough or taking enough risks."
– Brian W. Fitzpatrick, Debugging Teams: Better Productivity through Collaboration.*

Experience

Ksquare Solutions

Dallas - DFW, React/RN & Go/Node

SOFTWARE ENGINEER <FULL STACK DEVELOPER>

Jan. 2020 - Present

- Developed internal applications and tools for third party integrations using **React**, **React Native** and **Golang**.
- Contributed to the in-house testing framework applied on different projects and clients using **React** and **Node**.
- Used Docker container infrastructure and leaded implementation of **CI/CD** using **Jenkins** on multiple internal projects.

Nure

Toluca & CDMX, React/RN & Node

FULL STACK DEVELOPER <CO-FOUNDER>

Mar. 2017 - Present

- Designed components, higher order components, reusable hooks and utilities for both **React** and **React Native**.
- Developed and leaded the backend for multiple (5+) projects using **Node**. Managed infrastructure and application security.
- Managed customer relationships, financial income, taxes, and data analysis. Managed projects using **SCRUM**.

Credijusto

CDMX - Remote, React/RN & Python/Go

SOFTWARE ENGINEER <FULL STACK DEVELOPER>

Nov. 2018 - Jan. 2020

- Authored a risk management app using **React Native** and **Flask**. Served as a decision taking tool for executive management.
- Contributed to a user customer app using **React** and **Go**. Improved user experience and interaction with the loan process.
- Developed a loan management app using **React** and **Django**. Improved organization and efficiency across all company.
- Upgraded a quote web application using **React Native** and **Python**. Improved customer experience and user satisfaction.
- Contributed to the in-house **React Native** component library. Enhanced user experience and increased consistency in all apps.
- Implemented an API to be consumed by in-house systems using **Django**. Provided useful insights for important business decisions.
- Designed and modeled database tables and relations with **PostgreSQL**.

Connus International

CDMX, React & Node

LEAD FULL STACK DEVELOPER <ENGINEERING MANAGER>

Oct. 2017 - Nov. 2018

- Developed a real-time web application for monitoring telecommunication sites infrastructure using **MERN** stack.
- Implemented an API for on-site hardware command and control system with **Node** and **Express**.
- Implemented a solution for IoT communication using **Socket.io**. Developed a client-side test suite using **Python**.
- Designed and modeled all database collections and schemas with **MongoDB** and **Mongoose**.
- Trained continuously Junior IT members on **React** and **Redux**. Reviewed code and pull requests on **GitHub**.

Wetopia

Guadalajara, Angular & Node

FULL STACK DEVELOPER <CO-FOUNDER>

Feb. 2016 - May. 2017

- Designed, developed, implemented, and tested embedded software in for internal projects using **Node** and **Python** scripting.
- Developed a Kickstarter for ideas; share them, receive feedback from experts and improve. Built using **Node** and **Angular**.
- Designed an efficient **Mongo** database for handling all resources. Deployed and maintained application using AWS **EC2**.

Musement

Toluca, Angular & Node

FULL STACK DEVELOPER <CO-FOUNDER>

May 2015 - Feb. 2016

- Developed a **Node** and **Angular** social application to share highlights of your work, and inspire other people while doing so.
- Authored a minimalistic time-tracking app to manage your own time and project progress; built using **Node** and **Angular**.

Education

ITESM (Monterrey Institute of Technology and Higher Education)

Toluca, Mexico

B.S. IN COMPUTER SYSTEMS ENGINEERING

Jan. 2013 - May. 2017

- Graduated summa cum laude with **4.0+**.
- Got an academic **Excellence Scholarship** which is given to promising high school students.

Projects

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| 2019 | MERN & TensorFlow , Reverse image search engine, Client-API, and management dashboard | <i>Visual Search</i> |
| 2019 | React Native & GraphQL , Mobile application for booking and exploring local experiences | <i>Rockett</i> |
| 2018 | MERN , A minimalistic nice web agenda for gym classes | <i>JIRAF</i> |
| 2017 | MERN & Python , Web application to automate your activity on Instagram | <i>OWA Influencers</i> |
| 2016 | Node & Angular , Static site showing services and information for a private airline | <i>Real Alfa Fly</i> |