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 & Python/Go

SOFTWARE ENGINEER <FULL STACK DEVELOPER>
Nov. 2018 - Jan. 2020

- Contributed to the in-house **React** components library. Enhanced user experience and increased consistency across 4 applications.
- Deployed and maintained multi-container applications through **Docker** and **ECS** on a daily-basis.
- Authored a risk management app using **React** and **Flask**. Served as a decision-taking tool for executive management.
- Contributed to a customer management app using **React** and **Golang**. Improved user experience and response times.
- Developed a loan management app using **React** and **Django**. Provided useful insights for important business decisions.
- Upgraded a loan payment calculator application using **React** and **Python**. Improved customer experience and user satisfaction.
- 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.
- Leaded secure APIs development using OAuth and JWT for on-site hardware command and control system using **Node** and **Express**.
- Implemented a solution for IoT communication using **Socket.io** and **RabbitMQ**. Developed a client-side test suite using **Python**.
- 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

Monterrey Institute of Technology and Higher Education (ITESM)
Toluca, Mexico

B.S. IN COMPUTER SCIENCE
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

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