

Jacob Garcia

SOFTWARE ENGINEER · FULL STACK DEVELOPER

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Avant-garde mixer of art, science and technology. Complex problem-solver with an analytical and driven mindset. Full-stack developer and sci-fi lover

Experience

Ksquare Solutions

Dallas - DFW, React/RN & Go/Node

SOFTWARE ENGINEER <FULL STACK DEVELOPER>

Jan. 2020 - Present

- Developed internal projects 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**.
- Worked with **Docker** container infrastructure to encapsulate code into a file system with abstraction and automation.

Nure

Toluca & CDMX, React & Node

SECURITY AND INFRASTRUCTURE SPECIALIST <CO-FOUNDER>

Mar. 2017 - Present

- Implemented security code review practices, methods, and guidelines based on **OWASP Top Ten**.
- Assessed all customer web applications with tools like **SQLmap**, **Nikto**, and **Nmap**.
- Integrated Amazon Cloud Watch with Amazon **EC2** instances for monitoring the log files and track metrics.
- Experienced with event-driven and scheduled AWS **Lambda** functions to trigger various AWS resources.

Credijusto

CDMX - Remote, React & Python/Go

SOFTWARE ENGINEER <FULL STACK DEVELOPER>

Nov. 2018 - Jan. 2020

- Daily-basis deploying and maintaining multi-container applications through **Docker** and **ECS**.
- Authored a risk management app using **React** and **Flask**. Served as a decision taking tool for high management.
- Contributed to a user management app using **React** and **Go**. Improved user experience and interaction with loan process.
- Developed a loan management app using **React** and **Django**. Reduced paperwork, improved organization and management across portfolio management, collection and legal departments.
- Upgraded a quote web application using **React** and **Python**. Improved customer experience and user satisfaction.
- Contributed to the in-house **React** components library. Enhanced user experience and increased consistency across 4 applications.
- 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. Attracted **AT&T**, **Puma Energy** and other important clients with this solution.
- 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**.

Musement - Wetopia

Guadalajara, Angular & Node

FULL STACK DEVELOPER <CO-FOUNDER>

Feb. 2016 - May. 2017

- Developed application to share experience, posts and connect with others in order to learn from them using **Node** and **Angular**.
- Optimized assets using **Webpack** and preprocessing with **SASS**.

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

- 2019 **MERN & TensorFlow**, Reverse image search engine, Client-API, and management dashboard
- 2019 **React Native & GraphQL**, Mobile application for booking and exploring local experiences
- 2018 **MERN**, A minimalistic nice web agenda for gym classes
- 2017 **MERN & Python**, Web application to automate your activity on Instagram
- 2016 **Node & Angular**, Static site showing services and information for a private airline

Visual Search

Rockett

JIRAF

OWA Influencers

Real Alfa Fly