

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 & Node

SOFTWARE ENGINEER <FULL STACK DEVELOPER>

Jan. 2020 - Present

- Developed internal tools for improving efficiency, communication, organization and management across human resources, engineering and technology departments using **React** and **Node**.

Credijusto

Mexico City/Remote, React & DRF

SOFTWARE ENGINEER <FULL STACK DEVELOPER>

Nov. 2018 - Jan. 2020

- Developed a loan management application web system using **React** and **Django REST Framework**. 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 different in-house systems using **Django REST Framework**. Provided useful insights for important business decisions.
- Designed and modeled database tables and relations with **PostgreSQL**.

Connus International

Mexico City, 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**.

Nure

Toluca & Mexico City, React & Node

BACKEND DEVELOPER <CO-FOUNDER>

Mar. 2017 - Present

- Developed and owned all the backend for multiple (5+) projects using **Node**. Contributed as the main senior backend developer.
- Managed client relationships, financial income, taxes, and information. Managed projects using **SCRUM**.

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**.
- Implemented mocks from scratch using **HTML5** and **CSS3** alongside **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

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	NodeJS & Pug , Static site showing services and information for a private airline	<i>Real Alfa Fly</i>