

# Jacob Garcia

SOFTWARE ENGINEER · FULL STACK DEVELOPER

☎ (+52) 56-17-09-97-30 | ✉ mario@nure.mx | 🏠 jacobgarcia.github.io | 📱 jacobgarcia | 🐙 jacobgarcia

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