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 ───────────────────────────────────

Credijusto *Mexico City/Remote, React & DRF*

SOFTWARE ENGINEER <FULL STACK DEVELOPER> *Nov. 2018 - Present*

- Developed a loan management application web system using **React** and **Django REST Framework**. Reduced paperwork and 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**.
- Reviewed code and pull requests constantly on **GitHub**.

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 server 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.

Certifications ───────────────────────────────────

2016	**Java SE6 Professional Programmer**,	Certified Professional	*Oracle*
2015	**Certified Network Associate Routing and Switching**,	CCNA Routing and Switching Essentials	*CISCO*

Projects ───────────────────────────────────

2019	**MERN & TensorFlow**,	Reverse image search engine, Client-API, and management dashboard	*Visual Search*
2018	**MERN**,	A minimalistic nice web agenda for gym classes	*JIRAF*
2017	**MERN & Python**,	Web application to automate your activity on Instagram	*OWA Influencers*
2016	**NodeJS & Pug**,	Static site showing services and information for a private airline	*Real Alfa Fly*