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.

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**.
- Leaded a team of **offshore** developers from Spain, Colombia and Singapur for developing a risk management application.
- Contributed to a user management app using **React** and **Golang**. Improved user experience and interaction.
- Mantained an OroCRM container using **PHP**. Improved customer experience and user satisfaction.
- Developed **Web Services** to be consumed by in-house systems using **Django**. Provided useful insights for business decisions.
- Assisted in designing and management of **PostgreSQL** and **MySQL** database schemas and tables.

Connus International   *CDMX, React & Node*

LEAD FULL STACK DEVELOPER <ENGINEERING MANAGER>   *Oct. 2017 - Nov. 2018*

- Leaded secure **Web Services** development using **JWT** for on-site hardware command and control system using **Node** and **Express**.
- Developed a real-time web application for monitoring infrastructure at telecommunication sites using **MERN** stack.
- Implemented a solution for IoT communication using **Socket.io** and **RabbitMQ**. 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 & CDMX, React & Node*

BACKEND DEVELOPER <CO-FOUNDER>   *Mar. 2017 - Present*

- 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.
- 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 a social application to share experiences and connect with others to get guidance; built 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	*Visual Search*
2019	**React Native & GraphQL**, Mobile application for booking and exploring local experiences	*Rockett*
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*