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 using MERN technology. Passionate video game builder using Unity and UE*

Experience

Connus International   *Mexico City, JavaScript ES6*

LEAD FULL STACK DEVELOPER   *Oct. 2017 - Present*

- Developed a real-time application for monitoring telecommunication sites infrastructure which is web based using **MERN** stack.
- Implemented an API server for on-site hardware command and control system with **NodeJS** and **Express**.
- Implemented a solution for IoT communication using **Socket.io**. Developed a client-side test suite using **Python**.
- Designed and modelled 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**.
- Optimized performance and CPU usage using **V8-Profiler**. Optimized non-code static assets management with **Webpack**.
- Deployed and maintained **NGINX** web server on **AWS**.

Nure   *Toluca, JavaScript ES6*

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

- Founded a digital services, product development and branding agency with a focus on working with clients side-by-side. Offering responsive web applications using **MERN** technology stack as a main service.
- Developed APIs using **NodeJS** and **Express**. Tested API endpoints using **Postman** scripting tools.
- Managed client relationships, financial income, taxes, and information. Managed projects using **SCRUM**.

Wetopia   *Guadalajara, JavaScript ES2015*

SOFTWARE DEVELOPER <CO-FOUNDER>   *Nov. 2016 - May 2017*

- Founded a technology based company with a focus on developing self embedded computing projects using **NodeJS** and open-source web applications using **MEAN** technology stack.
- Implemented open-source prototype for an application to share ideas in order to get feedback and improve it using **NodeJS** and **AngularJS**. Developed server-side actions, backend and frontend related tasks.
- Optimized assets using **Gulp** and preprocessing with **SASS**.

Musement   *Toluca, JavaScript*

FULL STACK DEVELOPER <CO-FOUNDER>   *Feb. 2016 - Sep. 2016*

- Founded a startup for entrepreneurs where users contribute to projects and help other entrepreneurs around the world through valuable feedback and guidance in the process of building their products/services. Developed using **MEAN** technology stack.
- Implemented mocks from scratch using **HTML5** and **CSS3** alongside **AngularJS**.

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 Swithcing Essentials	*CISCO*

Projects

2018	**MERN**, A minimalistic nice web agenda	*JIRAF*
2017	**MERN**, Web application for automation your activity on Instagram	*OWA Influencers*
2016	**NodeJS & Pug**, Web showing services and information for a private airline	*Real Alfa Fly*
2015	**PhoneGap**, Mobile application for videogames management and time tracking	*Unbeaten*