



# GUTIÉRREZ ORNELAS

## JOSÉ DE JESÚS

SOFTWARE DESIGNER, DEVELOPER AND PROGRAMMER

IRAPUATO, GTO

11 ABRIL 1996

(462) 211 0468

[jdj.gutierrezornelas@hotmail.com](mailto:jdj.gutierrezornelas@hotmail.com)

[jjesusgo.github.io](https://jjesusgo.github.io)

### \_SKILLS

C/C++ HTML/JSX/EJS

C# CSS/SASS

Java Javascript

Scala Typescript

Python PHP

PLC SQL y MONGODB

VHDL JSON Y XML

Assembly Git/Github

MATLAB Slack y Trello

### \_SOCIAL

[github.com/JJesusGO](https://github.com/JJesusGO)



[linkedin.com/in/jesus-go](https://linkedin.com/in/jesus-go)



- I am a software designer, developer and **programmer** specialized in the implementation of systems based on state machines, entity components, computer vision, artificial intelligence, and numerical methods.
- I specialize in development of Full-Stack Web applications. I have knowledge of the MERN stack, IIoT, WebSocket, BigData, API'S, implementation and maintenance of VPN servers, design of microservices structures, versioning, documentation, etc.
- I have experience developing cross-platform software (Windows, Linux and Android), and video game development in Unity Engine. Therefore, I gained experience in software for design, layout, 3D modeling, multimedia content design, rendering and UI / UX.

### \_EDUCATION

**2011 - 2014**

Irapuato, Guanajuato

**DEGREE Technician in Industrial Mechanics**

Centro de Bachillerato Tecnológico Industrial y de Servicios No. 65.  
License 9207637

**2015 - 2020**

Salamanca, Guanajuato

**DEGREE Bachelor of Mechatronics Engineering**

Universidad de Guanajuato, División de Ingenierías Campus Irapuato-Salamanca.

Professional title in process

For more information, please visit my personal page:

[jjesusgo.github.io](https://jjesusgo.github.io)

## \_WORK HISTORY

### Mar. 2021 - Sep. 2021 GRUPO FLOGO - DEPARTMENT IIoT, IT AND SOFTWARE DEVELOP

*Intern (Web development with specialization in IIoT): FullStack (MERN) and WebSockets designer. Developer in a team in charge of creating a comprehensive IIoT application focused on analyzing the health and current state of machines through acquisition, storage and analysis of its parameters with sensors.*

### Jan. 2016 - Jul. 2019 DIVISIÓN DE INGENIERÍAS CAMPUS IRAPUATO - SALAMANCA

*Social work: Assistant in the nonlinear optics research, in the engineering area (hardware and software development).*

### Aug. 2019 - Feb. 2020 DIVISIÓN DE INGENIERÍAS CAMPUS IRAPUATO - SALAMANCA

*Professional Social Work: Development and study of plastic fiber optic biosensors for glucose detection through real-time image processing.*

### Dec. 2019 - Feb. 2020 TIERRA DEL BAJÍO CONSTRUCCIONES

*Applications and systems developer: Local and cloud inventory control application prototype for Android and Windows devices. Development of a 3D virtual tour as a web application. Development of web pages and databases.*

### Jul. 2020 - Jan. 2021 FREELANCER

*Software developer: Application to support the design of high voltage transformers. Regression analysis of variables using AI for the approximation of weight in the construction of transformers. Creation of scripting language for description of node connections: NOST*

### Jul. 2020 - Feb. 2021 FREELANCER

*Web developer: Development of a FullStack web platform for the creation and implementation of surveys of the "Effect of organizational culture on psychosocial risk factors in Universities and Higher Education Institutions of Guanajuato"*

## \_CURSOS

### Jan. 2021 SANTANDER, FUNDACIÓN EDUCACIÓN SUPERIOR EMPRESA

*Course: "Introducción a las habilidades digitales."*

- Includes the following digital skills: Cloud Management, Cybersecurity, Big Data, Internet of Things, Artificial Intelligence, Virtual and Augmented Reality, 3D Printing, Biotechnology, Nanotechnology and Advanced Robotics.

### Apr. 2021 - WIP

### SANTANDER, DIGITAL HOUSE

*Course: "Full Stack Node a distancia"*

- Refresher Course and certification as a Full Stack developer.
- Focused on deepen into technologies such as: Node, Express, HTML, CSS, JavaScript, MySQL, APIs, CRUD, React, and others.