



Juan Manuel López Santana

Computer Systems Engineer

Personal Details

Phone

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Email

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Links

GitHub

Skills

Java



HTML



SQL



CSS



Angular



JavaScript



Bootstrap



React



Node



MongoDB



Languages

Spanish



English



French



Profile

Software Engineer with 3+ years of experience in the industry, assuming different roles. Worked in Agile driven environments. Committed to the Software Development Life Cycle (SDLC) guidelines. Skillful at developing, testing and maintaining web applications. Proficient in collaborate with Business Analysts (BA), Product Owners (PO) and Technical Leads (TL) to achieve a successful delivery of non-functional and functional requirements. Knowledge to take responsibility of tasks related to the Scrum Master (SM) or Project Management (PM).

Experience

Full Stack Developer/Test Lead, IBM

Jul 2021 – Present 📍 Guadalajara, Mexico - Remote

Working in an Agile team guided by SAFe framework. Development of non-functional and functional requirements for the customer's website (Financial field) at production environment. The web application displays information about the bank members and their accounts. Features are achieved by using Java 8, Spring, Spring Boot and React. The source code is implemented following a Microservice Architecture. Tests done with JUnit 5. Using OpenShift to make the deployment of the application.

Working as Test Lead at the same team. In charge of perform manual testing: White and black box testing and acceptance testing. Use of qTest Manager to organize and report test results. Imparting knowledge transfers about testing topics to other team members when needed. Jira used for PM.

Full Stack Developer/Test Engineer , Softtek

Aug 2020 – Jul 2021 📍 Aguascalientes, Mexico

Part of an Agile team following Scrum framework. Project (in the Education field) in which I developed features for a chatbot widget that served as a contact form where final users asked questions related to different school programs. Worked with HTML, CSS and pure JavaScript on a daily basis. Use of Google Cloud Platform to create containers for source code to be tested. GitHub used for version control and Jira for PM.

Test cases creation on Microsoft Test Manager. White and black box and acceptance testing performed to validate the quality of deliverables. Attended releases process to validate the successful delivery of new features to production. Documentation created to track bugs and defects. Use of Jira for PM.

Full Stack Developer, Softtek

Aug 2019 – Aug 2020 📍 Aguascalientes, Mexico

Member of an Agile team in charge of the customer's website update, from AngularJS to Angular 7, following SAFe framework. The web application was able to let the user search for a hotel and its room types. Involved in the creation of the web application module conformed by Angular components. Implementation of SASS and Bootstrap styles for HTML templates. Creation of methods at source code using TypeScript to align business logic rules. Testing performed with Jasmine and Karma. Direct communication with stakeholders to clarify business requirements. Use of Jenkins to make deployments for test environments. Bitbucket used for version control and Rally for PM.

Support Engineer, Softtek

Feb 2019 – Aug 2019 📍 Aguascalientes, Mexico

Responsible of maintenance actions to keep customer's website operable (in which final users searched for hotel locations around the world) at production environment. Resolved low and high priority Service Now requests to attend low and high impact issues.

Enhancements made for the web application's functionality, using technologies such as Java 8, Spring, Spring Boot, AngularJS, HTML and CSS, following the MVC design pattern. Use of SQL queries to manipulate CRUD operations for database records at production environment using Oracle SQL Developer. Worked with Linux servers to monitor the operation of testing environments. Guided the team when critical incidents occurred in order to fix them at production level. Bitbucket used for version control and Rally for PM.

Full Stack Developer, Soft 'n' Stoff

Jul 2018 — Dec 2018 📍 Aguascalientes, Mexico - Remote

Worked on the creation of the new Single Page Application (SPA) for the Soft 'n' Stoff website, using React and Node. Created the site layout and User Interface (UI) with HTML and CSS best practices. Completed the full redesign of the web application to improve navigation and strengthen search engine rankings. Developed React components for website sections such as Home, Contact and Blog. Use of Postman to ensure successful calls to APIs. Took part in technical discussions with my TL to resolve bugs at source code. Other tools used include GitLab for version control, Trello for PM and Contentful for data storage.

Education

Universidad de Burgos, Master's Degree in Informatics

Sep 2020 — Present 📍 Burgos, Spain - Remote

Expected graduation date: June 2022.

Universidad Autónoma de Aguascalientes, Bachelor's Degree in Computer Systems Engineering

Aug 2014 — Dec 2018 📍 Aguascalientes, Mexico

GPA (%): 89/100.

Certifications

IBM Certified Advocate - Cloud v1, IBM

Dec 2021

Machine Learning for Business Professionals, Google/Coursera

Sep 2020

Google Activate – Digital Skills for Professionals, Google

Aug 2020

Google Activate – Cloud Computing, Google

Jul 2020

REDUX in Angular with NGRX: From Scratch to Practice, Udemy

Jul 2020