

# Jessicka Nickole Bañuelos Sánchez

---

La Paz, B.C.S. | 612-13-176-53 | jessickabanuelos@gmail.com | September 24, 1992

[in jessicka-nickole-bañuelos-sanchez](#) | [jesynik](#) | [Portafolio](#)

## About me

I am a computer systems engineer who is passionate about technology and its constant evolution. I am currently interested in the design, development and implementation of web systems. I have solid knowledge in programming languages and web application development, as well as in database management and development tools. I consider myself a creative person, detail-oriented and committed to my work, always seeking to learn and improve in each project in which I participate. My goal is to contribute my skills and knowledge in a challenging and dynamic environment where I can grow professionally and make a significant contribution to the work team.

## Experience

### **SOFTWARE DEVELOPER | MALMUR | OCTOBER, 2021 – NOVEMBER, 2022**

- Implement and assist in the installation of software, whether it is created by the company or not.
- Develop or update software according to the requirements that customers specify, creating algorithms that optimized manual processes and improving the execution time of existing programs by up to 200%.

### **WEB MASTER | BAJA FERRIES | JULIO, 2021 – OCTUBRE, 2021**

- Administration of the media transmitted on the corporate internal screens
- Administration of the media transmitted on the screens of the 4 points of sale distributed by the Sea of Cortez.
- Content management of the Baja Ferries website.
- Content management of the "Transportadora GEOS" website.
- Creation of user manuals for the programs used in the role.
- Creation of a website for the creation of templates of the most used images in the department, thus saving 80% of the time spent per month creating them.

### **FRONT-END DEVELOPER | JUNIPER DATA CENTER | MAYO, 2018 – JULIO, 2021**

- Construction of 3 weekly responsive websites for clients in the USA and Canada, reaching the highest level of performance of the department and the responsibility of working on priority projects.
- Review of 3 weekly websites made by other colleagues, in order to maintain 100% of the quality standards established by DealerSpike.
- Correct the QA observations of the sites to send them to Content Loading for the next production stage, becoming the person with the fewest corrections in the department by reducing the number of incidents per site by up to 80% compared to the average for the department.
- Training of new personnel.

### **CONTENT LOADER, MANAGER | JUNIPER DATA CENTER | SEPTEMBER, 2017 – MAY, 2018**

- Weekly project assignment in order to optimize production.
- Maintain, evaluate and report weekly and monthly department performance metrics.
- Monitoring of workforce incidents (Attendance and punctuality).

- Evaluation of the workload to be able to approve vacations and permits or apply administrative acts.
- Train team leaders on new processes and standardized codes necessary for the performance of work.
- Promote teamwork within the department.
- Train and support team leaders on topics related to the administration, motivation and organization of their own teams.
- Application and evaluation of tests for recruitment of the area.
- Assignment of priority projects to the corresponding people according to their skills.

#### **PROGRAMMER (BEELAPP) | CORALSOFT | JUNE, 2017 – SEPTEMBER, 2017**

- Configuration and maintenance of the database and application server.
- Design and development of web application.

#### **CONTENT LOADER, SUPERVISOR | JUNIPER DATA CENTER | FEBRUARY, 2017 – SEPTEMBER, 2017**

- Support in the preparation of weekly and monthly department reports.
- Supervision of labor force incidents (attendance and punctuality).
- Distribution of tasks among the 6 work teams of the department.
- Promote teamwork within the department.
- Resolution of doubts and problems of administrative processes and source code used in the department.
- Train and support team leaders on issues related to the administration, motivation and organization of their own teams.
- Application and evaluation of tests for hiring the area.
- Assignment of priority projects to the corresponding people according to their skills.

#### **CONTENT LOADER, POD LEAD | JUNIPER DATA CENTER | JULY, 2016 – FEBRUARY, 2017**

- Creation, styling and maintenance of the internal contents of 4 websites per week for different clients in the USA and Canada.
- Monitoring of the productivity line of a work team of 6 members.
- Weekly assignment of work roles to each team member.
- Help the team to meet the weekly production goals by creating work strategies and solving the doubts of each member.
- Training of the new staff.

#### **CONTENT LOADER | JUNIPER DATA CENTER | DECEMBER, 2015 – JUNE, 2016**

- Creation, styling and maintenance of the internal contents of 4 websites per week for different clients in the USA and Canada.

#### **PROFESSIONAL INTERNSHIP | CENTRO INTERDISCIPLINARIO DE CIENCIAS MARINAS-IPN | JANUARY, 2015 - JUNE, 2015**

- Design and development of a control system for trades and correspondence for the administrative staff of the Institute.
- Research and definition of the requirements for building the system.
- Design and development of user interfaces.
- Design of the database that feeds the system.
- Programming of the classes and functions that make up the system.

- Construction of diagrams that show the software life cycle (business model, requirements, analysis, design, implementation).

### **SOCIAL SERVICE | CENTRO INTERDISCIPLINARIO DE CIENCIAS MARINAS-IPN | FEBRUARY, 2014 - AUGUST, 2014**

- Support in the implementation of educational technology.
- Preventive maintenance of computer lab equipment.
- Update of the data of the courses taught at the institute through the Claroline platform.
- Online updating of the school plans of the subjects taught at the institute.

## **Education**

### **COMPUTER SYSTEMS ENGINEERING | 2010-2015 | INSTITUTO TECNOLÓGICO DE LA PAZ**

- Specialty: New information technologies and terminal communications in development of advanced applications
- Related course work: Design and development of a control system for trades and correspondence for the administrative staff of the Institute

### **INFORMATICS | 2007-2010 | CENTRO DE BACHILLERATO TECNOLÓGICO Y DE SERVICIOS NO. 230**

- Related coursework: Application design and hardware preventive and corrective maintenance

## **Additional training**

- ; We programmed a video game! – Workshop of Ada
- Skills development for supervisors –Kreston BSG training program
- Basic Robotics for Youth and Adults –Punto México Conectado Course
- Intermediate Robotics for Youth and Adults – Punto México Conectado Course
- Internet Fundamentals - Google Web Academy Certification

## **Personal projects**

- SurveysApp: Design and development of a web survey system focused on NOM-035. The results are collected to be processed in Tableau.
- Cleaver Test: Design and development of a web automator for the application of a Cleaver Test and thus establish a description about the type of behavior necessary to satisfy the requirements of a position; as well as the behavioral style of the person evaluated to be able to make a comparison and determine if there is compatibility or not.

## **Academic projects**

- Design and development of an operations control system for a veterinary clinic (Construction of the models that show the life cycle of the software, design of the graphical user interfaces and the database that feeds the system, programming of the classes and functions that make up the system).
- Design and development of a mobile application that helps in the management of personal wardrobe. (Design of the graphical user interfaces and the database that feeds the system, programming of the classes and functions that make up the system). This application was developed for a group of students from the Juan Pablo II Educational Community for a technological innovation contest. It was developed in such a way that it can be implemented in different situations of everyday life.

## **Skills**

### **PROGRAMMING LANGUAGES AND FRAMEWORKS**

- HTML
- CSS y LESS
- PHP
- JavaScript y JQuery
- Java (Spring Boot)
- SQL (SQL Server y MySQL)
- C, C# y C++
- ASP.NET
- Laravel
- NodeJs
- Linq to SQL (C#)

### **OPERATING SYSTEMS, DEVELOPMENT ENVIRONMENTS AND OTHER TOOLS**

- Windows
- Visual Studio
- Microsoft Office (Word, Excel, PowerPoint)
- Ubuntu
- Photoshop
- Eclipse
- MySQL
- Gimp 2
- Corel Draw
- SQL Server
- Fedora (Linux)
- Mint (Linux)

### **LANGUAGES**

- English
- Spanish