JUAN ALFREDO NÚÑEZ RODRÍGUEZ

Coyoacán CDMX,
04630 Adolfo Ruiz Cortínez

+52 1 55769 46382

djanr2@gmail.com
https://www.linkedin.com/in/djanr2/

PROFILE

I am an Engineer graduated in 2015 from Engineer Faculty (FI UNAM). Specialized in the Architecture, Implementation and Developing of technologic systems. My main goal is making tasks easier for people, connecting diary life with technology. Based on my knowledge in Computer Sciences, Teamwork, and continuous enhancement.

SKILLS

JAVA	7 years
Android	2 years
Back-End	5 years
Front-End	3 year
Security	2 years

MAIN APTITUDES

Integrity	★ ★ ★
Leadership	★ ★ ★
Innovation	★ ★ ★
Adaptability	★ ★ ★
Responsibility	★ ★ ★
Proactivity	★ ★ ☆
Tolerance	★ ★ ☆

EXPERIENCE

SOFTWARE ENGINEER (L3 support) - NETCRACKER Full-Time (Feb 2021 > Present)

Activity (A) – Give a **tickets** solution with logic programing (**Java**) and database (**oracle**) skills. **Deploy** new features to Netcracker system using **GWT** java technology for **Front-End** and **Netcracker framework** for **Back-end** (Java 6) based on software **design**. Develop components to transport data (**Data sources**). Add elements to **UI** with GWT technology and **xml** files. Make **data fixes** to apply in production with **PLSQL**. **Debug** errors about system then fix issues. Check logs (**gray log**) to find errors in code in production environment. Deploy server in **Jenkins** for every code release to have it updated. **Commit** new code at **SVN** repository branches that require deliverable products.

Goal (G) – Fix issues to have a reliable system for our customers.

DEVELOPER ENGINEER– FI UNAM Part Time (Aug 2019 > Present)

A – Develop Map Curricular web system with **Spring Boot** and **Angular** of all bachelor's degrees imparted in Faculty. **Architecture** all entities involve in system to give a functional solution. Generate **PostgreSQL** environment to storage applications information. Develop **Back-End microservices & RESTfull API** with spring to manage all subject's information regarding map. Create **end points** to provide services for a **RESTfull** interface. Develop components with **typescript** technology in **Angular** to display map correctlyin **Front-end**. Create **algorithm** to draw subjects' seriations automatically. Structure a **json** file that contains all map information to be generated by Spring application and read by Angular application. Code a PDF generator file for Map. Manage **GIT** repository branches. **Document Architecture** for system.

G – Design a system that storage and serves information about curricular map. To show maps dynamically.

WEB CONSULTOR – ABINIA Part Time (Aug 2022 > December 2022)

A – Deploy changes in ABINIA webpage https://asociacionabinia.org/ (**WordPress** page). Change style in **css** files to have better visual harmony. Develop **JS** functions to show something dynamically not included in framework. Modify **html** structure to display in a correct way. Upload news about ABINIA Association. Propose new **design** ideas for site.

G – Upload news regarding ABINIA issues. Make up ABINIA webpage in a WordPress environment, according to Director's requirements.

SUPERVISOR – COMISION FEDERAL DE ELECTRICIDAD (CFE) (Jan 2015 > Mar 2019)

A – **Supervise & transmit** requirements to staff. **Document** all work made for teams. Document future work for teams as a project guide. Agree CTO **requirements**. Help people to accomplish **due dates**.

G – Implement first CFE High Availability (HA) National Project to protect, secure and shelter sensitive information.

A – **Cybersecurity** Supervisor (CFE web systems **Stress Tester**). Make stress test with **JMeter** Java application for all new system releases to DMZ. Check **security intrusion** issues in server **logs**. Implement new security features (Microsoft security tools) in area. Find code **vulnerabilities** in deployed systems.

G – Get a better Web Systems' Cybersecurity. *Hardening* servers and network equipment.

A – **Architect** of Internal course system (**Monolithic**), in *Programa de Ahorro de Energía del Sector Eléctrico* (PAESE) CFE. **Plan & develop** a managing courses system, elaborated with **Java** technology. **Develop java classes** responsible to system works. Talk instructors' courses to address necessities. **Structure Data Base** to storage information in best way. Transfer courses information from xml file to new deployed system. **Fix bugs** for system.

G –. Create a system as a tool that helps the courses management that PAESE imparts.

A – CFE Solar app Architect (Android Version). Develop an app for **android** (**Java native**). Create android **services** that reads existence **SOAP API** to display customer information about its solar panel. **Develop views** in **xml** android files. Create **model classes** to adapt to **API**. Implement **controllers** to manage information flow.

G – Deliver an Android app version, that report information about solar panels, for PAESE.

A –Give small **Java** programs to help advisors to accomplish its daily **repetitive tasks** (mainly convert xml file to a desirable output). **Technical support** for CFE's CEO Advisors. Fix operating system issues (**Mac, Windows and Linux**).

G – Enhance CEO's area to achieve best activities performance.

ENGINEER INTERN – ENGINEER FACULTY & DGTIC UNAM (2012 > 2015)

A – Develop a system (**Monolithic**) that manage information about subjects in engineer faculty called *Planes y programas de estudios* (PyPE). Develop **jsp** Java technology pages views to display system. **Generate PDF** file from information gathered in **PostgreSQL** Data Base. Make stress test for database. Make **backups** for database. Deploy and compile classes manually in tomcat server.

G – Deliver a robust system to storage, Faculty subjects' data.

A –Develop an Acquisition Data System (**ADS**) as bachelor's Thesis. Develop **Html** Interface for ADS that shows data gathered and generate **algorithm** to decide regarding data gathered what action to take in actuator card. Create **ADS** card (**hardware**) to get data from external environment. Create **actuator** card (**hardware**) that make actions regarding algorithm.

Courses & Certifications

MIT	**Cloud & DevOps: Continue Transformation**	Jul – Sep 2022
ETS	**TOEFL (79)**	Nov 2020
British Council	**IELTS (6.0)**	Jun - Aug 2019
UNAM/Certifica TIC	**Java Architect certified**	May 2017 - Feb 2019
UNAM Cánada	**TOEFL**	Jan 2018
CFE	**GRE**	Jul Nov 2016
Code3e	**Developing apps for iOS with Swift**	Mar 2016
Develop (Online)	**Developing apps for iOS with Objective-C**	Oct 2015
CFE	**Workshop Office 365 Exchange Online Administrator and Configuration.**	Aug 2015
CFE	**Workshop Office 365 Share Point Online Administrator and Configuration.**	Jul 15
UNAM FAC ING	**Oracle Database 12c: SQL Fundamentals**	Aug Nov 2014
Hacking Mexico	**Certified Offensive Intrusion Security Professional**	Jul 2014
UNAM FAC ING	**Oracle Certified Professional, JAVA SE6 Programmer**	Feb 2014-Jun 2014