



**JUAN ALFREDO NÚÑEZ  
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## 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 programming (Java) and database (oracle) skills. Respond L3 tickets about Netcracker system. Fixing code errors made in production. Make data fixes to apply in production with SQL. Deploy new features to Netcracker system using GWT java technology for Front-End and Netcracker framework for Back-end (Java framework). Debug errors about system then fix issues or canalize to correct team. Check logs (gray log) to find errors in code. Find in Jira system if an error solution was implemented before. Deploy my own server in Jenkins for every code release to have it updated. Commit code at svn branches that require deliverable products.

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

### PROFESOR'S SUPPORT (Developer)– 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 with spring to manage all subject's information regarding map. Create end points to provide services for a REST interface. Develop components in Angular to display map correctly. 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 file for Map. Manage git 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 API to display customer information about its solar panel. Develop views for Android. 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 tasks (mainly convert xml file to a desirable output). Technical support for CFE's CEO Advisors. Fix operating system issues (Mac and Windows).

**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 to get data from external environment. Create actuator card that make actions regarding algorithm.

**G** – Have a bachelor's degree.

## Courses & Certifications

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