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Career Summary

Software Development Technician from the National Learning Service SENA, interested in Software, Web, Artificial Intelligence development or design with efficiency skills, teamwork skills and continuous learning disposition.

Summary of Qualifications

Experienced In:

- Java (6,7,8,11,17)
- JDBC
- Java EE
- JSF
- JPA
- JSP
- EJB
- JAX-WS
- JAX-RS
- REST
- SOAP

- Hibernate
- Spring
- Glassfish
- Tomcat
- Oracle WebLogic
- WebSphere
- C# (MVC 4 Y 5)
- Visual Basic
- .NET (WFC Services, ASP.net)
- HTML 5
- CSS 3

- JavaScript
- jQuery
- Drupal
- Moodle
- Joomla
- PHP
- MySQL
- Oracle
- SQL Server
- WAMP
- XAMP

- Automation Anywhere
- AWS
- IBM Cloud
- API's
- Spring
- Spring Security
- PCI CPOC
- PCI SSS
- Android
- Flutter

Analysis:

- Analysis, Design and Specification of Requirements
- Analysis, design and layout of Software Models
- Analysis and Design of SOAP Service Contracts
- SOA architecture knowledge
- Technical Documentation knowledge.
- Microservices architecture knowledge

Languages

- Spanish (native speaker)
- English (intermediate)

Career History

Netcom SAS   Nov. 2023 – Now

Software Developer Freelance

- Resolution of severe incidents and code development for financial clients, focusing on security, PCI certifications, and the use of the latest technologies. Front-end code creation in Angular 17 and back-end in JAVA 17 using mTLS, AES-256, JWT, and Java Spring (Security, JPA, Core). Migration of applications to the technologies.

Netcom SAS   May. 2023 – Nov. 2023

Director of Innovation and Telecommunications

- Generation of code templates (Java) for the implementation of cryptographic processes, security through mTLS with JWT, and JAVA 17. These templates can be used for secure projects based on PCI SSS and CPOC rules and requirements. Creation of templates for consuming REST and SOAP services as well as servers of the same type, with a microservices-oriented architecture (code modularization for the future) and an orchestrator-type code architecture.
- Creation of a secure login using mTLS, JWT, AES-256 encryption, jasypt, owasp login, among others. This login will be used by the application for user authentication processes. The login complies with the PCI CPOC standard and will be used for a mobile application that requires high security as it handles financial processes.
- Creation of a FIM (File Integrity Manager) using a File Integrity Monitoring function to monitor sensitive files and folders and generate alerts for anomalous events via email. This code works for Linux and Windows, using the native OS audit to obtain sensitive event information and send it via email. It was created for PCI SSS certification compliance, has completed security and code vulnerability checks, and complies with the correct security standards. It uses Jasypt for file encryption.

- Security modifications to a mobile application in the process of PCI CPOC certification, aiming to meet the conditions specified by security consultants. Use of HSM for random number generation, secure and non-deprecated encryption algorithms, use of an authentication component (previously specified login), and resolution of security and code vulnerabilities.
- Presentation, support and lead of PCI Certifications. Working with security consultants in PCI SSS and PCI CPOC certifications (code creation, documentation in English, generation or use of external components for certification applications).
- Creation of technical documentation for certified solutions.
- Training in JAVA 17 – Java Spring – Spring Security – GIT – Jira.
- Training and coaching in Flutter for SENA student.
- Monitoring the installation process and creation of consumption code of HSM and secure components in the financial client's cloud (Bank).
- Resolution of severe or highly complex incidents for the financial client (Bank).
- Creation of documentation, roadmaps, and application requirements documents for existing and new projects.

Brightbots – TRM   Nov. 2021 – Aug. 2022
Senior Java Software Engineer
- Creation of application based on Restful services for the TRM client. Application divided into modules, each one carrying out processes independently, but all immersed within the same application.
- Module for creating Shared Links in BOX for different files. Open to be used on demand or to be used by a webhook which generates a consumption when receiving a new file or folder.
- Module for generating communication between a ChatBot in the IBM cloud and a real agent in Microsoft Teams.
- Module for obtaining LOGS of the ChatBot hosted in the IBM Cloud and the conversations in Microsoft Teams, to be hosted in a DB (Creation and administration of the DB carried out.).
- Module for the creation of a Dashboard with different types of diagrams (Using Google Charts), in which the information of the conversational LOGS of the ChatBot and Microsoft Teams could be visualized graphically.
- Analysis and survey of requirements as well as advice on infrastructure, security and dev ops.

Wizeline – Medecision   Nov. 2021 – May. 2022
Software Engineer
- Analysis and gathering of requirements for a HealthCare project, where I was asked to generate documentation in the UX phase for the creation of a new application and the modification of an existing one, generating a new space for the new application that would remain as a module of the main application of the MEDECISION client. Generation and survey of requirements for another application of the same client. Definition of RoadMaps, creation of teams (Analysis according to the need for the solution, the members necessary to complete it in the requested time. Identification of the roles and the number of members per role, as well as the designation of tasks for each member of the team), identification of times per requirement and creation and definition of Sprints for each requirement according to need (SCRUM).

Globant – Salesforce and Disney   Mar. 2020 – Nov. 2021
Java Developer, SSr Adv
- Development of automatic applications made in Automation Anywhere, with JAVA as an additional. Automation of business processes through this technology, creation of BOTS for repetitive processes or exact and fast calculations. (Salesforce).
- Support, maintenance, analysis and development of applications for the client focused on their Dinning segment, where they want to review and analyze incidents from different environments, as well as a solution to them (Support), and modifications or additions of functionalities to the services existing. Modifications in Restful services. Services with Spring or mixed architectures, which denote the different technologies that interact with each other for their operation. (Disney).

Grupo CINTE Colombia – IBM Colombia   June 2018 – Mar. 2020
JAVA Senior Developer
- Creation and consumption of SOAP clients for transversal applications.

- Development of BACK code for different types of transversal applications.
- Creation of structure in JavaEE to generate common application for SOAP consumption, where cross- cutting applications are using the objects of the common application, to carry out consumptions to the SOAP services that they may or may not be exposed in the services BUS.
- Creation of remote architecture for the processes.
- Developments of 3 different applications were made during the time elapsed with the company, Developments for Natural Person or Legal Person. **(Bank Client)**
- Solution of Security and Code vulnerabilities.
- Support Level 3 solution of incidents reported in laboratory and production environments at code level BACK, supporting 9 different applications, among these, 3 created during the time elapsed with the company.
- Resolution of serious or highest incidents reported in production environment.
- Creation and consumption of Scripts for DB Oracle.
- Supports with error diagnoses to different IBM cross-sectional areas.

Everis Colombia - IT and Telecommunications Sector   July 2015 – Jan. 2018
JAVA Junior Developer
- Banco Popular Project: Functions between (08/17 - 01/18). Analysis, definition, development and creation of the User Control application for Everis, which allows administration and control of company collaborators, providing information specific of labor times, non-worked times, KPIs and Liquidations among others. The application with MVC structure will be used by the collaborators of the company. It develops in C # language and using Razor technology.
- UGPP Project: Functions between (12/16 - 08/17). Development, creation and modification of modules of the "Documentic" application, whose main objective is to file and Administration of legal documents of the client. Various modules were created for this APP, such as a massive document filing module. Support work was carried out of the application after its passage to PRODUCTION. Development, creation and modification of modules of the MGAF application, which is aimed at Inventory Management Virtual. For this process, developer and project leader tasks were carried out, developing the APP code, and leading the quality, implementation and support of this. Java application in MVC model and with Sevlets and JSP structure.
- Terpel Project: Functions between (06/16 - 12/16). Support all TDC of the client at national level, guaranteeing the correct operation of the application of inventory management and customer billing, where support tasks were carried out DB administration and application. Providing support as level 2 and sometimes 3 of the APP and DB, in addition to the information centralization system managed by the client. A small JAVA application was created to query running scripts, in Waiting and DB sizes of the information centralization system. Functions between (02/16 - 06/16) Subcontracted with the Temporary Company. Analysis, design and specification of requirements of the Terpel Loyalty Project, in the BackOffice segment, creating documentation of requirements, use cases and diagrams of use cases and sequence of the functionalities requested by the client Terpel, Proof of Concept Creation of the requested system or solution (Created in .Net) and your service contract. Documentation of the "MiVuelo Terpel" application, analysis and description of the functionalities of the system already implemented, analysis of the functionalities that will be required the new system, analysis of market tools that are coupled to the required solution. SOA design and architecture for general electronic invoicing process.
- Claro Project Functions between (07/15 - 08/15) Subcontracted with the Temporary the Company: Documentation of the JAVA Portlets System of the site miclaro.com.co, in the which, the complete documentation of the system and its functionality was made; diagrams of sequence, flow and process, as well as specification of its use cases. In addition to this, the creation of a JAVA Enterprise Application (JAX-WS), using the Maven management tool and with HibernPCML, thus generating a web service that could be consumed by one or more services or web clients, and deploying this application to through Glassfish and / or Oracle WebLogic servers.

Gaspy SA   Mar. 2015 – June 2015
JAVA Developer
- Completion and implementation of the "Majo Tienda" application, an API for e-commerce based on JSP and on a Business Object system (Model, View, Controller), in which, its main function was to generate publications in online sales providers such as Mercadolibre and Linio. In addition

to this, migration and version creation 2.0 of that same project, generated in JAX-WS and JSF systems, using EJB modules and Java Entities.

Carvajal TYC - Implementation Area   Jun. 2014 – Mar. 2015
Software Developer Intern - Customer Service Technical Advisor
- Functions between (02/15 - 03/15). Attention and technical support to user corporate services, providing telephone or mail service and thus generating a solution to incident presented by officials, or generating cases of requirements for specialist's managers. In addition, providing level 1 technical support to various applications, as well as teams Zebra desktop, laptop and printer via remote access. The same functions are carried out subcontracted by the intermediary of the company during
(12/14) - (02/15).
- Functions between (06/14 - 12/14). Job Position Practitioner Software Developer Carry out a systematization of the internationals measurements quality indicators KPIs, for the Management of the ITO Implementation area with a SOFTWARE designed in JAVA SE7 and JAVA SERVLETS, using the NetBeans 8.0 IDE and a database created in MySQL, also providing a service web display (Website) made with RESPONSIVE DESING and fully synchronized with the Software, for the administration and monitoring of the same. Likewise, a systematization of the schedule and cost measurements of the Management Platform of this same area.

JP Soluciones Digitales   Jan. 2013 – May. 2014
Web Developer – Web Master
- Responsible for generating specialized corporate web solutions for company customers. Creation, design and implementation of corporate websites, either in custom HTML, or using CRM as JOOMLA, MOODLE and DRUPAL.

Education
Servicio Nacional de Aprendizaje SENA, Bogotá, Colombia   Jan. 2012 – Feb. 2013
Software Developer Technician

Colegio Centro Panamericano, Bogotá, Colombia   Jan. 2007 – Dec. 2009
Academic Bachelor