Ana Gabriela A. Sánchez Alvarez

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PROFILE:

Primary Profile: Software Engineer for Java Web applications
Secondary Profile: Gathering and analysis of requirements and technical documentation.

- 17+ years of IT experience in analysis, design and development of systems.
- 9 years of experience in all phases of application development working primarily on Web technology (JSP, Broad Vision, ASP, IdM and Oracle Portal) as a Programmer.
- Good experience working with SOAP and REST API services(Postman, Spring Boot)
- Good experience in AWS Lambda Services including: IAM, CloudWatch, API Gateway, S3.
- Good experience in SQL including these DBs: Oracle, Mysql and basic knowledge for NoSQL DBs as MongoDB.
- Good working experience with Frontend, JavaScript UI debugging like Chrome Debugger, Mozilla Firebug etc, IE developer tools.
- Good experience in designing professional UI web applications using front-end technologies like HTML5, CSS3, XML, JSON.
- Good experience with JavaScript, NodeJS/Express.
- Good experience in Unix/Linux

EDUCATION:

- Bachelor of Computer Science from Universidad Intercontinental, Mexico City

LANGUAGES:

- Spanish native, English fluent

TECHNICAL SKILLS:

Microservices: REST, SOAP (SpringBoot, NodeJS)
AWS: IAM, S3, Lambda, CloudWatch, API Gateway.
Programming Languages: Java, JavaScript, SQL, NodeJS, VB, ASP, Python, Broad Vision
RDBMS & NoSQL: Oracle, MS-SQL Server, MySQL, MongoDB.
Unix Skills: Processes, File System, Users, Monitoring.
Web Servers: Apache Web Server
Application Server: WebLogic, JBOSS, Tomcat
Client side Scripting: JavaScript, Ajax, CSS, XML, HTML, JSON
SPA: ReactJS.
Other Tools: Postman, PyCharm, Eclipse, UML, SVN, CVS, GIT, SshClient.
Operating Systems: Solaris, Windows, Ubuntu.
Development Methodologies: Scrum.

PERSONAL EXPERIENCE:

- Python 3.9: Arithmetic operations, Loops, Functions, Date Time, HTTPS connection and JSON libraries.
- AWS:
  - Use of S3 buckets to store a Static Website
  - Lambda Services to access Google Contacts and Calendar Events.

- Resource configuration of an API Gateway controlling the request and response to trigger a Lambda Service and creation of an API Key.
- How to deploy a Lambda Service using Layers.
- Use of CloudWatch to troubleshoot Lambda Services.
- Configuration of the AWS Command Line Interface (AWS CLI)
- Web Design: HTML, CSS. Apache FreeMarker to improve HTML layout.
- Use of Node.js to execute JavaScript on the Server
- Postman Authentication with OAuth2.0, Bearer Token.
- Components of an ERP: Internationalization, Dashboards, Sales Orders, Invoices, Employees, Inventory Management, Accounting, Workflows, etc.
- Concepts of Sales Management Systems as SalesLoft: Manage prospects, Sales Team - Tracking operations, opportunities.
- Microservices to connect other systems through REST API Calls using CRUD operations with Java (SpringBoot)

PROFESSIONAL EXPERIENCE:

Softtek – GE Corporate (Mexico Oct 08 - May 13)
- Development of new requirements and enhancements.
- Creation of technical documentation: Functional Requirements, Mockups, Test plans, Use Cases, Sequence and Class diagrams.
- Deployments follow up, using the internal process (Creation of internal tickets).
- Requirements assignments, Project Plan creation, team organization
- Functional Experience: Development cycle, contact with the Client.
- Tools: JSP (MVC), Oracle Portal 10g, HTML, Beans, Jboss, Eclipse, SshClient, Oracle, StarUML

Softtek – GE Commercial Finance (Mexico Sept 06 – Sept 08)
- Provisioning of accounts
- Enhancements to several applications
- Identity Manager Programmer
- IdM Administration & Testing
- Processes Definition
- Functional Experience: Concepts of Manual Provisioning and Metrics, Provisioning via IdM and SOX, Code Audit, Quick Hit Project Leader, Process Analyst
- Tools: ASP, JSP (MVC/Struts), IdM, HTML, Beans, Jboss, WebLogic, Eclipse, Dreamweaver, XPRESS, Unix, FileZilla, Putty, Jxplorer, SQL Server, Oracle, Joomla, Clarify, IIS, Microsoft Office (Visio)

Softtek – GE Transportations (Mexico Apr 06 – Apr 06)
- Functional Analysis of one application
- Code Analysis (Oracle Applications, Unix)
- Enhancements to the application
- Functional Experience: Concepts of Oracle Applications
- Tools: Oracle, Unix

Softtek – GE Consumer Finance (Mexico Apr 05 – Mar 06)
- Analysis of ten applications (Visual Basic 6, Visual Basic .NET, Cold Fusion)
- Code Analysis (Visual Basic 6, Visual Basic .NET)
- Creation of Process Documents & Business Requirements
- Get documents approval from the stakeholders

- Review Test Scripts
- <u>Functional Experience</u>: Concepts of Card Credits, PMM Methodology, Contact with the Client-Server
- <u>Tools</u>: Microsoft Office (Visio)

Softtek – GE Aero Energy (Mexico Nov 04 – Apr 05)
- Development of some Reports
- Development of one Module (Search, List, Insert, Update and Delete information)
- <u>Functional Experience</u>: Proposals information, Vendor and Personal Roles, Parts to sell.
- <u>Tools</u>: JSP, HTML, Beans, Eclipse, Oracle

Blitz Software Factory – Hildebrando (Mexico Sept 04 – Nov 04)
- Analysis of functionality specifications
- Design of Sequence Diagrams
- <u>Functional Experience</u>: Business rules.
- <u>Tools</u>: Magicdraw, UML

Blitz Software Factory – Telmex (Mexico Jun 03 – Aug 04)
- Web Project: Bug Fixing. Development of the module of querying employees vacations, Display the employees vacations in a Grid with horizontal/vertical bars
- <u>Functional Experience</u>: Customization of an applet.
- <u>Tools</u>: Broad Vision, HTML, Oracle, Unix

Blitz Software Factory – Bestbuddies (Mexico May 04 – Jul 04)
- Development of the news module: Search, List, Insert, Update and Delete.
- <u>Functional Experience</u>: Use of Workflows, Mobile Sales and Technologies
- <u>Tools</u>: JSP, HTML, Beans, Servlets, Unix, Oracle

Blitz Software Factory – Telcel (Mexico Sep 03 – Apr 04)
- Analysis of the requirements, Design of the Database, Development of the system administrator, Development of the Portal, Bug Fixing.
- <u>Functional Experience</u>: Social work.
- <u>Tools</u>: Broad Vision, HTML, Oracle, Unix, UML

Blitz Software Factory (Mexico Jul 03 – Aug 03)
- Maintenance of Internal employees vacations development
- <u>Functional Experience</u>: Human resources, business rules
- <u>Tools</u>: ASP, SQL Server

Blitz Software Factory – Telmex(Mexico May 02 – Sept 03)
- Analysis of the requirements, Design of the Database, Development of requirements and Bug Fixing
- <u>Functional Experience</u>: Information system management, leasing software products
- <u>Tools</u>: Broad Vision, HTML, Oracle, Unix

Tecnología en Sistemas de Computo - IUSACELL(Mexico Dec 01 – Mar 02)
- Development of an internal training of HTML and Java
- Analysis of IUSACELL communication systems
- <u>Functional Experience</u>: Manual reference creation, Communication Process, Business rules
- <u>Tools</u>: HTML, Java, Front Page, Tomcat, Rational Rose

Shimano Consultores Asociados - GNP(Mexico Nov 98 – Mar 01)
- Life Insurance System: Analysis and Development of new requirements, Bug Fixing, Installation of new versions and User support
- Functional Experience: Life Insurance rules, Business rules, user support, leadership
- Tools: EDA, Access, Visual Basic, SQL Server

Fundacion Arturo Rosenblueth(Mexico Jun 97 – Oct 98)
- Processing Survey
- Analysis and development a system for COPARMEX, Bug Fixing
- Support of the Survey Database
- Creation and Printing of Mexico maps with a plotter
- Functional Experience: Geographical information systems, map processing, information management, Plotter use
- Tools: Autocad, Delphi, Visual Basic, Office, Front Page, Interdev