CURRICULUM

Personal Information

Full name	: Germán Mauricio Alejandro Herrera Pérez
DNI	: 12.956.493-8
Phone	: +569 42429427
E-mail	: german.herrera@gmail.com
Date of Birth	: 19/05/1976

Education

Title	: Informatics Engineer
University	: Universidad Católica de Valparaíso
Situation	: Titled (1999)

Title	: Master in Information Technologies
University	: Universidad Federico Santa María
Situation	: graduated 2009

Resume

I'm a Full Stack Developer with 20 years of experience with strength in the backend.

Focused on solving the problem that afflicts the client, considering good practices, maintainability and simplicity when developing Software solutions.
- Java Spring, Spring boot, Spring security
- React JS, Node JS, Python
- Javascript
- AWS: EC2, ElasticBeanstalk, RDS, Amplify, EFS, Opensearch, WAF
- ElasticSearch
- RabbitMQ
- Swagger UI
- Databases: Oracle, Mysql, Postgres
- Rest Services - JSON

Experience

- **Full Stack Developer - Gesintel:** September-2015 to date

Lead construction of the AMLupdate platform from its software architecture.
Service for financial business companies oriented to regulatory compliance.
Platform development using Java, Spring Boot, React, Mysql, Lucene Framework, ElasticSearch, RabbitMQ, Amazon AWS, API Rest + Swagger.
Java backend development, Front React, antd, axios, CI Jenkins. File processing and multiple processes with Python

- AMLupdate: Construction and maintenance. www.amlupdate.com
  I was responsible for designing a system manages databases of thousands to tens of millions of records, each of them indexed with Lucene by a Master node and available with read-only access by slave nodes and concurrent searches.

  The management of clients, users, permissions, administration is stored in Mysql 8.23 relational database.
  For the web application, a SAP (Single application page) app developed in React and API consumption in the backend developed in Java (Rest Services) with token access using Spring security are used. The backend Rest services layer has restricted access to the React web app domain only (avoids cross origin from other subdomains).
  For this system I've been Software Architect and Technical Leader, defining technologies, frameworks and strategies for the solution.

- Certificate purchase portal: registroaccionistas.com
  Allows to maintain a user registry and purchase different types of due diligence certificates online with a prepaid system.
  Each user has an electronic wallet which can be loaded with an amount of money integrated with payment systems (credit and debit cards).
  This platform was built with Java Spring Boot + React + Mysql.

- **Software Developer - Hibu Chile S.A.:** January 2004 – August 2015

  - Participated in different development and maintenance projects applying agile methods such as Scrum, gathering requirements with internal clients.
  - Participation in migration tasks for the new site Amarillas.cl. For this project, J2EE, Servlet, JSP technology was used; Eclipse IDE; Tomcat, Apache containers; Bd Oracle.
  - Migration of applications and complementary services for Amarillas.cl: SMS 7022, SMS Intertext, Wap ENTEL. ASP, J2EE (Java-Struts).
  - BI - Analysis-Development of the application for loading the statistics logs of the Amarillas.cl site and subsequent processing. Java, Oracle, Olap (SQL Server) - ETL.
  - Implementation of information crawling algorithms.
  - Use of Project server as a management tool for assigning tasks, resources, availability.

- **Outsourcing for Synapsis:** March-Dic 2003

System development for chilectra clients' extranet (http://clientes.chilectra.cl).
In this system I worked with HTML, Javascript, ASP languages with an Oracle database. The tools used were Visual Interdev, Homesite 4.5, Toad.

Courses

- August – November 2007. Advanced Java – J2EE (Dcc – Universidad de Chile – 100 Hours)

- July 2006. Object Oriented Analysis & Design using UML (IT Training code Sun OO226 – 50 Hours)

- July 2005. Advanced application development with J2EE (Linux Center – 40 Hours).