

## Contact

250.984.1308 (Work)  
jaypersanchez@gmail.com

www.linkedin.com/in/  
jaypersanchez (LinkedIn)

## Top Skills

Executive Management  
Project Management  
Software Architecture

## Languages

English (Native or Bilingual)  
Tagalog (Native or Bilingual)

## Certifications

Presentation Fundamentals  
Databricks Certified Data Engineer Associate  
SQL Essential Training  
Android Development with Android Studio  
Android Development: The Navigation Architecture Component

# Jayper Sanchez

I build software applications AWS Data Engineer | Machine Learning | Web3 | Python | Fullstack MERN | Versatile Developer | Serial Builder

Mississauga, Ontario, Canada

## Summary

With over five years as a full-stack MERN and blockchain developer, I excel in blending blockchain, AI, and web technologies to build innovative applications. Skilled in Python, Javascript, RDBMS and NoSQL and OpenAI, I create impactful AI solutions. As a Data Engineer, I'm experienced in Python pySpark, Apache Spark on Databricks, and proficient in ETL tools like Ensemble, ODI, SSIS, and OWB for efficient data migration and pipeline creation. My expertise extends to machine learning, developing using Numpy, BERT, and more, alongside full-stack capabilities in Java, JavaScript, SQL, and cloud platforms like AWS and GCP. I also have experience with call center system using Twilio and Google DialogFlow.

---

## Experience

Success Solutions s.r.o.

Software Architect - Senior Fullstack Developer

July 2024 - Present (2 months)

Prague, Czechia

As a Software Solutions Architect and Senior Fullstack Developer with the Research & Development group at Success Solutions, a partner of SAP SuccessFactors, I am responsible for designing and architecting all software solutions for our product offerings. I lead a team of Fullstack Developers in executing R&D projects, crafting innovative software concepts, and ensuring the effective implementation of our solutions.

In addition to this, I design and develop software solutions that integrate seamlessly within the SAP BTP ecosystem and with SuccessFactors. This involves creating software extensions and preparing them for migration out of SAP's BTP, ensuring they meet the highest standards of functionality and performance.

## Virlan Chainworks

### Full Stack Engineer

January 2018 - Present (6 years 8 months)

Global

Built software applications for Web3 and Web2 in different industries. I directly communicate with users to understand their pain points. I design and build a solution to address these pain points. I've created crypto currency and tokens for different Blockchain networks. I've developed mobile applications for the health and fitness community. I've helped startups with their need to reach MVP level. I've built a semantic search engine for a startup and creating data pipeline from MongoDB Compass to SSIS from microsoft as a Data Engineer. Latest experience with Articify. Implementing the AI for inbound calls through Twilio and provide natural conversation with caller to provide customer service such as scheduling appointments all using AI.

## JobDeal

### Interim Chief Technology Officer

October 2022 - Present (1 year 11 months)

Sweden

JobDeal is a pioneering matchmaking service through online services where users can post job tasks, and job seekers can register to receive these assignments. As Chief Technology Officer, I directed a team of Fullstack Developers and create a software architecture for the beta version of JobDeal. I also worked with the interim Chief Product Officer to align future product feature of JobDeal. I created the roadmap for the current year leading up to an MVP release.

## Shyft Network

### Fullstack MERN Developer

September 2018 - September 2020 (2 years 1 month)

Barbados

I spearheaded the development of Shyft's SHFT token that is now being traded on KuCoin. I integrated Web3 into a decentralized application. I worked on DeFi application using Uniswap V2 and 0X Exchange protocol.

## BC Ferries

### Business Intelligence Jasper Reports Developer

September 2018 - December 2019 (1 year 4 months)

Victoria, British Columbia, Canada

Engineered custom and standard reports to serve the entire fleet using Jasper Reports.

Formulated materialized views within the Oracle database to enhance reporting efficiency.

Streamlined SQL queries for both ad hoc and standard reports, optimizing overall database performance for Big Data usage.

Created ETL and ELT data pipelines to migrate data over to a data warehouse for offline reports with Oracle database using Oracle Data Integrator (ODI)

## Fujitsu Global

### Senior Technical Consultant

March 2015 - March 2017 (2 years 1 month)

Victoria, B.C Canada

Spearheaded the development of tailored reports and International Standard reports using JasperReports.

Created data ETL and ELT data pipelines to migrate data from remote databases of school districts from different Municipalities in B.C using Microsoft SQL Server Integration Services (SSIS)

## SaskPower

### Enterprise Mobile Developer Consultant at SaskPower

September 2012 - February 2015 (2 years 6 months)

Saskatchewan, Regina

- Integrated SAP data with mobile applications per requirements
- Developed internal mobile application for Android and iOS that provided users such as Supervisors, Managers, and Directors the ability to approve procurement expenses, holidays and network access request from their corporate issued Android or iOS device
- Developed mobile application that provided the ability for field technicians to manage materials and work orders from their corporate issued iPads
- Developed responsive web apps with Fiori
- Develop development process and methodologies for the new mobile group with SaskPower
- Develop mobile applications for iOS, Android, Windows Mobile and BlackBerry and integrate with SAP EIS using SAP's Sybase Mobile Platform with NetWeaver Gateway
- Developed mobile applications for both Android & BlackBerry native

## Research In Motion

### Mobile Developer Consultant

August 2011 - September 2012 (1 year 2 months)

## Alpharetta, Georgia, United States

- Developed internal mobile application for Blackberry smartphone and Playbook devices
- Developed front desk security visitor's form that provided the front desk security officer to record incoming visitors using Blackberry's Playbook device. Data entered from Playbook's visitor log sent to a web service using RESTful
- Regular presenter for Alpharetta's Blackberry User Group
- Developed internal mobile application for both BlackBerry smartphone and Playbook tablet
- Developed web application for the Playbook using Flex, ActionScript and Webworks (HTML5 and JavaScript)
- Developed and supported other internal application on HTML5 and JavaScript with Webworks API
- Developed beta applications for the BlackBerry labs with Native C/C++ using QNX Momentics IDE and Cascades native
- Developed J2ME mobile applications for blackberry mobile devices

## eSupplyLink

### J2ME Developer Consultant

May 2010 - June 2011 (1 year 2 months)

## Sacramento, California, United States

- Architecture and designed the process of taking in shipping crates and inserting into an inventory database
- Trained Junior Java developer and helped developed an end to end solutions to their existing inventory system
- Developed software for the handheld bar code scanner and user entry screen to allow the users working in shipping and receiving to take in deliveries
- Developed SWING client application for keyboard wedge with bar code scanner back in 2007
- Localized SWING desktop application
- Developed J2EE using JBoss for distribution of business rules and transaction for shipping & receiving process for Scan to Verify
- Developed DAO classes for database Scan to Verify
- Motorola i355 to send GPS location
- Developed business intelligence reporting with Jasper reports
- Generated reports from CSV data source into JRXML templates and presented as PDF on user's web browser
- Developed business intelligence reporting with Jasper reports
- Generated reports from CSV data source into JRXML templates and presented as PDF on user's web browser

DHS Government of Florida  
Intersystems Cache Developer Consultant  
December 2009 - January 2010 (2 months)  
Tallahassee, Florida, United States

Spearheaded the development of a web application dedicated to managing children's vaccination history, contributing to enhanced healthcare record-keeping and accessibility.

Played a pivotal role in the response to the R1N1 outbreak by developing a critical report, providing valuable insights and support during the public health crisis.

Used Ensemble to create ETL data pipelines from active databases from CDC offices and into local reporting databases.

Quest Diagnostics  
MUMPS/Cache Programmer Analyst  
June 2007 - November 2009 (2 years 6 months)  
Sacramento, California, United States

Created comprehensive reports catering to the needs of all Quest Diagnostics facilities.

Provided extensive support for the enterprise database, ensuring seamless functionality and efficiency.

Created data pipelines ETL to migrate data for offline reportings with Ensemble

Children health services Government of California  
Intersystems Cache Developer  
May 2005 - May 2007 (2 years 1 month)  
Sacramento, California, United States

Developed and upheld the MUMPS system for children's clinical surveys, ensuring the efficient collection and management of crucial health data using Fileman.

Produced comprehensive doctor's reports derived from children's therapy sessions, contributing to the healthcare records and facilitating informed decision-making for medical professionals.

The Golden1 Credit Union  
MUMPS/Cache Programmer Analyst  
January 2004 - May 2007 (3 years 5 months)  
Sacramento, California, United States

- Analysed, designed, and developed backend routines for nightly run

- Developed and supported banking application on Mainframe with MUMPS and Cache
- Responsible for software requirements analysis, design of system modifications, and software maintenance, coding, testing, and implementation activities

## DST Output

### Lead Java Developer

November 1999 - December 2003 (4 years 2 months)

El Dorado Hills, California, United States

Spearheaded the development of tailored internal corporate applications catering to diverse departmental requirements using Java and J2EE in conjunction with Oracle databases.

Pioneered the creation of the Manufacturing Application Reporting System (M.A.R.S), an internal reporting application, leveraging Java SWING technology.

Created ETL data pipelines using Oracle Warehouse Builder (OWB) to migrate data from manufacturing databases to a local database instance for reporting that's used by the M.A.R.S application.

---

## Education

### Cosumnes River College

Certificate, HCIT Implementation Support Specialist, EHR Systems · (2006 - 2006)

### Compu College School of Business

Associate's Degree, Computer Programming & Systems Analysis · (1997 - 1998)

### Consensusys

Blockchain Smart Contract Developer Certification, Blockchain Development and Architecture · (2018 - 2019)

### Compu College School of Business

Associate's degree, Computer Programming/Programmer, General · (August 1996 - June 1997)