

# JONAS HOEHNE-SILVA

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Experience in Software Engineering, Development, and Tech. Support – Pragmatic, eager to learn and aspired to enrich and unlock not only my knowledge and potential, but also others.

## SKILLS / DEV. STACK

**Coding languages:** JavaScript/TypeScript, *Golang*, *Java/Scala*, .Net (C#, VB), Bash, SQL, and *Python*.

**Technologies:** Git, Node.js, GraphQL, Angular/React, jQuery, Mocha/Jasmine/Karma, HTML, CSS/Less, Bootstrap, Spring, Maven, Gradle, MySQL/HANA/SQLServer, MongoDB, Kubernetes, Docker, Cloud Foundry, Travis, Jenkins, AWS/Azure/GCP - **also interested in:** WebAssembly, WebGL, Rust, Flutter, Computer Vision [OpenCV, dlib], and Machine Learning [TensorFlow].

## PROFESSIONAL EXPERIENCE

NOV 2019 - OCT 2020

### Kronos | UKG, Montreal - Fullstack Developer

Maintained a large code base Workforce Management app, focused on frontend and graphql:

- Maintained the frontend TypeScript/Angular code for a [WFM application](#)
- Promoted the use of GraphQL on Node.js to improve data over/under fetching; that also simplified the API design process enabling frontend devs to also collaborate on the API definition process through *.graphql files*
- Also, introduced a POC GraphQL client-server using Kotlin to expose existing Java APIs for a future version of the commercial API
- Contributed with a command-line tool to facilitate the dev. env. setup and automated deploying story PRs to production build on Jenkins
- Actively promoted repository (.md) documentation and ended up writing [this presentation](#)
- Introduced git-url dependencies to create project independency on a mono-frontend repository

### SAP, Montreal - Cloud Engineer/Frontend Developer

OCT 2016 - NOV 2019

Supported cloud customers adopting *Kyma* and developed internal tools aiming to make internal processes and communication more efficient:

- Debugged and implemented different integrations between B2C/B2B systems using [SAP Kyma](#)
- Went to SAP Labs in Gliwice to meet the Kyma R&D team and help defining the support process for customers adopting newer cloud solutions
- Developed a command-line tool using Golang to help visualizing Kubernetes pod resources for cloud customers
- Co-pioneered and maintained an internal application for Business Intelligence (SAP CX BI) that succeeded to global deployment and adoption of over 500 active users. Used Angular and Node.js to build a [CMS app](#) that draws Chart.js and D3 data visualizations. Also, wrote its Slack chatbot integration which reached approx. 3000 calls per month
- Had significant contribution on extending the company's chatbot bootstrap ([tobi](#)), and helped on maintaining internal chatbot APIs
- Learned about micro-frontend concepts and played with projects like [SAP Luigi](#)

### SAP, Montreal - Frontend Developer Fellowship

JUN 2016 - SEP 2016

3 mos. Frontend Developer experience for SAP Marketing Cloud:

- Developed two extensions for marketing product - one to manage enterprise brands and the other to generate and analyze online campaigns via Email, Twitter, and Facebook
- Wrote different OData services and automated UI tests using QUnit and OPA5

- Participated on scrum-based meetings part of the dev process

## SAP, Montreal - Senior Development Support Engineer

AUG 2015 - JUN 2016

Moved internally to Hybris (now SAP CX) to continue providing development support and consulting to customers:

- Supported customers guiding technical implementations and writing code customizations using Java/Groovy and JavaScript for an e-commerce framework
- Worked close to R&D teams providing them deep analysis of customer issues
- While working with [YaaS](#) I also wrote [vscode-raml](#) which had over 25k downloads
- Created an internal client-to-project generator based on RAML definitions - the script focused on generating Node.js, Go, Java, and Postman collections client-projects
- Contributed with several technical-knowledge documentation

## SAP, Montreal - Development Support Engineer

AUG 2013 - AUG 2015

Helped [SAP Business One](#) customers and internal teams worldwide providing technical troubleshooting and consulting on code customization:

- Guided users through technical implementations, and maintained different SAP Notes/KBAs
- Wrote custom add-ons and workflows for SAP Business One using C# and JavaScript, and also developed integration Scenarios and Adapters for [B1iF](#) for custom solutions
- Was sent to SAP Labs in Shanghai to participate on an internal project for a B1iF scenario-package ([Intercompany](#))
- Became familiar with the HANA ecosystem (incl. [XS Engine](#)), and other technologies like [SAPUI5](#), XSL, and XPath/JSON Path
- Created a demo web-app (CompanyVisits) to showcase developing a full-stack app using [B1iF](#) Scenarios to serve static files and SOAP services, [SAPUI5](#) for the frontend, and the B1 SDK to render a custom add-on

## EDUCATION

- [Computer Science](#) - Concordia University - Montreal (2017)
- [Software Analysis and Development](#) - FATEC - Sao Paulo (2011 - 2013)
- [Computer Technician](#) - ETEC - Sao Paulo (2009 - 2010)

## SIDE PROJECTS

**Company Visits:** Wrote a web app to showcase managing visits to a company. It used [B1iF](#)'s java adapters to serve static files and expose SOAP services, rendered an 'add-on' coded in C# on the B1 ERP app and used [SAPUI5](#) to build the frontend.

**smart-scale:** An IoT project using RaspberryPi and a weight sensor to calculate the number of cans in a fridge. Soda pops were very popular in the office.

**mood-recog:** For SAP D-KOM in 2017 I collaborated on a project to auto-survey the audience satisfaction based on facial expressions. I helped develop an API written in Scala to identify head-shapes in real-time using Open-CV and set up RaspberryPis to take pictures during the conference to plot the audience satisfaction on a dashboard.