

Sylvain Czyzewski

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vynny

Education

- Sep 2014 – **B.Eng in Software Engineering**, *Concordia University, Montreal, QC.*
May 2018
- Sep 2011 – **DEC in Computer Science and Mathematics**, *Vanier College, Montreal, QC.*
May 2013

Experience

- Apr 2020 – **Team Lead**, *Tecsys Inc, Montreal, QC.*
May 2021
- Served as the lead of a team of experienced developers and QA analysts delivering data connectors used in production.
 - Contributed to the standardization of company-wide practices for developing and deploying APIs using serverless technology stacks.
 - Lead the development of an in-house tool that saved considerable developer time by automating generation of mapping implementations for data connectors ingesting data from versioned third party APIs.
 - Prepared and delivered trainings on in-house tools, coding and development best practices, serverless technologies, and using JetBrains products.
 - Engaged in sprint planning and backlog grooming with a team of experienced developers, QA analysts, and stakeholders.
- Sep 2019 – **Software Developer**, *Tecsys Inc, Montreal, QC.*
Apr 2020
- Worked on the implementation of data connectors implemented in Typescript to synchronize third party data (Workday HCM) with a well established warehouse distribution management system.
 - Developed standardized practices for implementing centralized services using serverless computing stacks. (AWS ApiGateway + Lambda + DynamoDB)
 - Implemented new standard devops practices for centralized services ensuring replicable AWS infrastructure setup and fault free delivery using Terraform & Gitlab CI.
 - Collaborated closely with business analysts to develop and implement mappings to in-house schemas from third party SOAP APIs.
- Jun 2018 – **Software Developer**, *CAMCube Inc, Montreal, QC.*
Sep 2019
- Lead the development and maintenance of a web based e-commerce portal for ordering dental prosthetics used by dental clinics nationwide.
 - Implemented Human-Machine Interfaces for two commercial machine developments with Java using OPC-UA.
 - Served as primary HMI integration contact for an international team.
 - Automated deployments and cloud/on-prem server configuration to expedite delivery and disaster recovery.
 - Oversaw integration of credit card processing into well established internal ERP software ensuring PCI-DSS compliance.
 - Overhauled build procedures to reduce defective deployments and increase developer productivity.
 - Worked on the research and development of a machine learning model used for 3D tooth classification.

Jan 2016 – **E-Commerce Consultant**, Montreal, QC.

- Apr 2017
 - o Integration of e-commerce solutions using open source CMS (Drupal Commerce).
 - o Implementation of inventory management solutions and workflows using open source and bespoke PHP plugins to handle over 30k SKUs including variants from customer managed spreadsheets.
 - o Aided in increasing traffic handling capacities and reducing loading times by implementing bespoke caching strategies.
 - o Configuration and maintenance of linux servers serving thousands of customers concurrently.

Jan 2015 – **Mobile Application Developer**, Montreal, QC.

- Nov 2016
 - o Design and development of cross platform hybrid mobile applications for clients in the hospitality industry.
 - o Implemented a backend solution using Spring Boot for managing push notifications to mobile applications.
 - o Managed building and deployment of applications to mobile platforms.
 - o Communication with non-technical clients for requirements gathering and progress tracking.

Jan 2009 – **Freelance Web Development**, Montreal, QC.

- Dec 2013
 - o Customization of CMS installations (Wordpress, Drupal) for local businesses.
 - o Managed linux servers for hosting client's websites.

Skills

Languages	Java, Typescript, Javascript, Kotlin, Python, Bash, SQL, HTML/CSS, C/C++
Frameworks	Spring Boot, React, Vue, Dropwizard, Flask
Tools	Docker, PostgreSQL, Ansible, Terraform, Kubernetes, Jasper Reports
Cloud Providers	AWS
Cloud Technologies	AWS Lambda, AWS DynamoDB, AWS CloudFormation (w/ CDK)
Training & Certification	AWS Training & Certification - Developing Serverless Solutions on AWS
OS	GNU/Linux
Languages (Human)	English, French, Polish

Projects

Procezeus, *Flask*, *SQLAlchemy*, *Tensorflow*, *scikit-learn*, *RasaNLU*, *Vue.js*.

Open source web chat bot that facilitates access to judicial proceedings involving rental board law using machine learning. Built over an 8 month time span with 6 other software engineering students as a capstone project.

<https://github.com/Cyberjusticelab/JusticeAI>

ChoreChiefs, *Dropwizard*, *Hibernate*, *AngularJS*, *RabbitMQ*, *Flyway*.

E-commerce solution that makes booking everyday household services a breeze. Features booking, invoice generation, payment system, i18n. Implemented as a single page application with a REST API.

<https://czyzew.ski/projects/chorechiefs/>

MCGA, *Android SDK*, *Leaflet.js*, *Mockito*, *Robolectric*.

Android navigation app that makes it easy to find your way inside and outside Concordia University's campus. Built over a 4 month time span with 6 other colleagues.

<https://github.com/Vynny/MCGA>