CALVIN**CHAN**

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Full-Stack Engineer

Summary

- Software Engineering graduate with 10+ years of experience delivering scalable full-stack web applications
- Thrives in fast-paced, collaborative environments where meeting deadlines and prioritizing tasks are critical
- Designed and developed multiple high-traffic applications supporting thousands of concurrent users daily
- Passionate about delivering intuitive, maintainable, and cost-effective solutions to complex problems

Technical Skills

Languages	Frameworks	Others	
Java/Kotlin	Laravel	Atlassian Tool Set	Agile/Scrum
PHP/Groovy/Python	Spring Boot	Npm/Composer	AWS Developer Tools
Javascript	Nuxt/Vue/AngularJs	Ant/Maven	GraphQL
CSS/SCSS	Selenium/Geb	Postman	
SQL/MySQL/Postgres	JUnit	Git	

Work Experience

Shambhala Music Festival Ltd.   **May, 2023 – Current**
Software Engineer

- Architected and implemented a high-traffic, fully responsive, ticketing platform using Nuxt3, enabling seamless online ticket sales for events with over 30,000 concurrent users at peak times. The system leveraged configuration files to easily adapt the UI and product catalog for each client, ensuring rapid deployment and brand consistency across multiple festivals.
- Architected and implemented a customizable self-service user portal allowing end-users to manage orders, payment details, personal information and more. The portal was fully responsive and designed for easy rebranding and configuration per client, enhancing user engagement and operational efficiency.
- Created AWS CloudFormation templates to automate and accelerate provisioning new website infrastructure on S3 and Cloudfront.
- Created custom GitHub Actions workflows that enabled targeted deployments by client and environment.
- Maintained and enhanced a Vue 2, mobile specific web application QR code scanning application used for on-site attendee verification, ensuring secure and efficient check-in and credential distribution at festival entrances.
- Developed and maintained an Admin Portal by building REST API endpoints and GraphQL queries with Laravel 5.8 and implementing features with the Vue 2 frontend framework, enabling clients to manage event details, products, crew, and generate reports through an integrated, user-friendly interface.
- Maintained a PHP 7.4 (no framework) application that facilitated a leaderboard auction for vendors to bid for a stall at the festival.
- Integrated Agile methodologies (Scrum) and Jira into the team's workflow, improving project tracking, collaboration, and delivery timelines.

ECENTA Canada Services Inc   **Sep, 2020 – Apr 2023**
Associate SAP Commerce Consultant

- Conducted business process analysis and identified critical issues and gaps for established solutions.
- Created roadmaps for projects, managed prioritization, and monitored the work to meet objectives.
- Designed and implemented custom solutions using the SAP Commerce Cloud Platform.

- Tested and demonstrated implementation to stakeholders to ensure objectives were met.
- Conducted internal lunch and learn sessions to train other developers and business analysts.
- Worked with stakeholders to develop REST API endpoints to meet business requirements.
- Performed SQL queries to gather and analyze metrics of our data solutions.
- Successfully launched projects for Teleflex, United Farmers Association and Santa Cruz Bicycles.

SkyGlobal Technologies   **Feb, 2019 – Sep, 2020**
Full-Stack Software Developer
- Designed and developed an internal web application using AngularJs and rewrote the build process with Gulp.
- Designed and developed a microservice oriented REST API using Spring Boot 2 with Hibernate over MySQL.
- Integrated the backend system with third party applications such as SendGrid, Stripe and Google Analytics.
- Implemented a CI/CD pipeline to facilitate automated migration of the database, deployment of the web application and execution of tests (JUnit and Postman) using Jenkins.
- Modified Bitcoin libraries written in C and Kotlin to integrate with an Android application using JNI.
- Created interview tests and conducted interviews and helped onboard new developers.
- Helped refine the Scrum development process and create scrum definitions to achieve better code quality.

TuGo   **June, 2016 – November, 2018**
Software Developer
- Successfully led and implemented the integration of an inventory management system.
- Acted as Scrum master to help the IT department adopt scrum and improved development processes.
- Created Jenkins jobs for automatic deployment, such as a legacy system that used Ant.
- Developed external and internal web applications using frameworks such as; Grails, Spring Boot, Meteor, Geb.

Volunteer Work Experience

Heart & Stroke Big Bike	**June, 2017**
Once Upon a Pumpkin (Richmond Nature Park)	**October, 2016**
4th Year Graduation Representative	**September, 2015 – April, 2016**

Education

Introduction to React *BCIT Continuing Studies*	**May 2018 to July 2018**
Agile42 – Scrum Alliance *Certified Scrum Master*	**September 2017**
University of British Columbia *Bachelor of Applied Science (with Co-op) – Software Engineering*	**September, 2011 – April, 2016**

Awards and Recognition

Introduction to Computer Security (Phone lock mechanism)	**December, 2015**

- Best Design Project, Best Holistic Approach to Computer Security, Best Video