

StevenHall

Software Engineer

Contact

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Languages & Frameworks

JavaScript / jQuery
Node.js
CSS / SASS / Bootstrap
MobX
MySQL/ PostgreSQL
PHP / Laravel
HTML
Golang
C/ C++
Scala
Python / Selenium
TypeScript
Bash Script
Java

Tools

Jira
Git/ SVN
Github / Bitbucket
Google Ad Manager
API
JSON
XML
Linux (CLI proficient)
Playwright
Cypress

Soft Skills

Scrum / Agile
Project Leadership
Communication
Problem Solving
Mentoring

Summary

Full-stack software engineer with 6+ years of experience designing scalable, user-friendly web applications. Proven leader in both front-end and back-end development with a track record of boosting performance and revenue by measurable margins. Adept at leveraging modern technologies to streamline processes and deliver quantifiable improvements.

Work Experience

 **STN Video** *Full Stack Web Developer*

Oct 2020 - May 2024

STN Video downsized after it was sold at the end of 2023. I contributed to the development of STN Video's award-winning Online Video Platform that served 55 million monthly viewers, generating 3 billion monthly video views on 2+ million premium videos, driving millions in monthly ad revenue.

- Rewrote the Smart Match video player frontend with MobX, reducing file size by 75% while improving speed and revenue.
- Developed a Laravel-based admin tool that streamlined player setting management, effectively eliminating support requests for manual database updates.
- Created a dashboard tool to expose AI-based video ranking, unveiling new insights into video selection and contributing to improved content performance.
- Led weekly A/B tests and collaborated with QA teams to catch bugs early, ensuring smoother releases and a more stable user experience.
- **Skills:** JavaScript, jQuery, MobX, Agile, Scrum, MySQL, Git, Python, Selenium, Jira, PHP, Laravel, CSS, SASS, Bootstrap, Eloquent, Playwright, Cypress, Google Ad Manager, JSON, XML

 **LinuxMagic** *Full Stack Web Developer*

Apr 2018 - May 2020

LinuxMagic downsized during the COVID-19 pandemic in 2020. I contributed to the development of the MagicMail email platform designed for small ISPs and Telcos.

- Delivered robust webmail clients and a user-friendly dashboard that improved customer satisfaction and reduced support requests by a significant margin.
- Led the migration of a legacy Oracle-based sales system to PostgreSQL and spearheaded a complete website redesign for SpamRATS.
- Mentored new developers, ensuring adherence to coding standards in a fast-paced Agile environment.
- **Skills:** JavaScript, jQuery, CSS, Bootstrap, CakePHP, MySQL, PostgreSQL, SVN, Agile, Scrum

 **UBC** *Big Data Research Assistant*

May 2016 - Aug 2016

- Developed a unified memory manager for sharing RDDs across Apache Spark instances, significantly improving data processing efficiency and reducing memory overhead.
- **Skills:** Scala, Python, Hadoop, Apache Spark, Git

Open Source

- [MDN Web Documentation Error](#) ↗
- [Browser Crash in Playwright](#) ↗
- [Gravity](#) ↗
- [Git Radar](#) ↗

 **Ericsson** *Software Developer Intern*

Jan 2015 - Aug 2015

- Tested and developed QoS/PBR software on enterprise-scale routing platforms, contributing to improvements in network reliability and performance.
- Delivered engaging demos that boosted stakeholder confidence.
- **Skills:** C, Perl, Git, CVS

My Projects

[This Resume!](#) ↗

May 2021 - Present

- Designed and developed a personal resume website that enhances my professional branding and increases job application to interview conversion.
- **Skills:** PHP, CSS, HTML

[Youtube Playlist Search Chrome Extension](#) ↗

Apr 2021

- Developed a Chrome extension that streamlined the search process within large YouTube playlists, making searches actually possible, delivering search results almost instantly, and gaining traction with over 70 GitHub stars.
- **Skills:** JavaScript, Youtube API, CSS, HTML

[Go Git Radar](#) ↗

Nov 2020

- Created a Golang clone of Git Radar that runs 5x faster on large repositories, reducing the time needed for git status updates and improving developer workflow.
- **Skills:** Golang

[TV Show Notification and Calendar](#) ↗

May 2020

- Built a Google App Script to automate the retrieval of TV episode air dates and calendar updates, saving users considerable time, and ensuring we never miss another new episode.
- **Skills:** Google App Script

Education

University of British Columbia

Sep 2013 - Dec 2017

- Bachelor of Applied Science (BASc) in Software Engineering

Kwantlen Polytechnic University

Sep 2012 - Apr 2013

- Engineering Certificate