

JOSHUA JARMAN

SR. SOFTWARE ENGINEER / ARCHITECT
FULL STACK WEB DEVELOPER



PROFESSIONAL PROFILE

Senior Software Engineer, Architect, and Full-Stack Developer with 30+ years of hands-on experience delivering high-performance web applications, ecommerce platforms, and custom software solutions. I combine deep technical expertise with a meticulous, systems-level approach to problem-solving, enabling me to design, build, and optimize complex applications end-to-end.

I've led development teams, architected large-scale platforms, and shipped mission-critical systems for organizations ranging from startups to international enterprises. My work consistently emphasizes performance, accessibility, security, and maintainability. I'm known for elevating team standards, mentoring developers, and bringing clarity to challenging technical environments.

Highly detail-oriented and driven to understand systems thoroughly, I excel in roles that value craftsmanship, reliability, and thoughtful engineering. I'm at my best when building modern, elegant solutions with technologies like Svelte, TypeScript, Node, GraphQL, and headless architectures. I bring a strong work ethic, a collaborative mindset, and a commitment to delivering high-quality results that stand the test of time, while also supporting and uplifting the teams around me.

Highly self-directed, I'm passionate about modern frontend architecture, performance optimization, and building tools people genuinely love to use. I actively leverage AI-assisted development workflows to accelerate delivery without sacrificing precision, craftsmanship, architectural integrity, or security.

SKILLS AND PROFICIENCIES

Frontend

JavaScript (ES6+), TypeScript, Svelte/SvelteKit, Web Components, HTML/CSS, PWA/Service Workers, Responsive Design, Accessibility (WCAG/ARIA), Internationalization/i18n, SEO (JSON-LD, Microdata), Lighthouse Optimization.

Backend & Architecture

Node.js, Vite, Bun, PHP/Laravel, REST & GraphQL APIs, Remote Functions, WebSockets, Authentication, Security, Testing, Performance, System Architecture.

Databases & Infrastructure

MySQL, PostgreSQL, SQLite, Redis, NoSQL (JSON/YAML/XML), Docker, AWS, Cloudflare, Linux (Apache/Nginx/OpenLightSpeed), CI/CD, VPS Management, cPanel/CyberPanel/Plesk.

Specialized Systems

Ecommerce, Payment Processing, RFID/NFC Access Control, Mobile Scanning Apps, QR-based Asset Claiming, Custom and Headless CMS.

AI-Assisted Development

Context coding with LLMs (Claude, GPT-4, etc.), AI-guided architecture, code review, rapid remediation, workflow acceleration, while maintaining the highest quality and security standards.

CONTACTS



+1.250.505.9786



jjarman@gmail.com



Canada / USA

EDUCATION



Ongoing Education
Seminars / Courses / Online



Wheaton College
Software Architecture



Roaring Fork High
Graduated With Honors

REFERENCE

Geoff Gibbs
Selkirk College
Web Department
geoffbgibbs@gmail.com

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WORK EXPERIENCE

2004 - 2026
NELSON, BC

RE:DESIGNED E-BUSINESS INC

Head of Design and Development

Led custom web development projects and built modern Svelte-based sites. Developed 300+ ecommerce websites for small businesses using Magento and WooCommerce. Delivered custom applications, performance-optimized builds, and long-term platform maintenance.

2019 - 2023
NELSON, BC

SHAMBHALA MUSIC FESTIVAL

Sr. Software Developer

Independently architected and developed the festival's mission-critical digital infrastructure, including the ecommerce sales platform, RFID ticketing system, mobile scanning apps, QR-based asset claiming, user portal, website, meal ticket system, and HR timesheet system. Built with Svelte and Vue on a Laravel backend.

2012 - 2019
NELSON, BC

NELSON DESIGN COLLECTIVE

Head of Web Development

Established and managed a hosting business (Plesk/AWS). Built numerous websites, ecommerce platforms, and custom applications, including a social-giving platform (GiveRound) and multiple PWA-based solutions.

2010 - 2012
NELSON, BC

GREENLIGHT COMMUNICATIONS

Sr. Software Developer

Developed custom websites and software for client projects. Set up hosting infrastructure (WHM/AWS) and managed server environments. Delivered tailored solutions across a wide range of industries.

2002 - 2004
VASHON, WA

SUNGARD BITECH

Sr. Software Developer

Worked on the Campus Portal and Campus Administration systems. Served as the accessibility and internationalization specialist, ensuring ADA compliance and global usability across the platform.

2000 - 2001
KIRKLAND, WA

TALISMA CORPORATION

Software Specialist / Fixer

Served as a "software fixer" for outsourced projects nearing delivery. Stepped in to bring large, complex applications up to professional standards, resolving architectural, performance, and quality issues before client handoff.

1999 - 2000
SEATTLE, WA

FISERV

Sr. Software Developer

Developed a real-time stock brokerage platform for professional traders as part of a small engineering team. Built Daily Rocket stock ticker web component for investors.

1996 - 1998
SEATTLE, WA

ICAT CORPORATION / INTEL

Head of Web Development

Led development for one of the first commercial ecommerce platforms available for businesses. ICAT was later acquired by Intel. Oversaw architecture, implementation, and early ecommerce innovation.

1992 - 1995
ASPEN, CO

NETM COMMUNICATIONS

Lead Software Developer

Developed the first web-based ecommerce platform (NetMall), supporting over 200 digital storefronts at a time when the concept of separate ecommerce sites did not yet exist.

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