

Erin Burton

Software Engineer / Full-Stack Generalist

Located in Nanaimo, BC

Phone: 250-816-5110

Email: eb@flat9.dev

GitHub: github.com/astridlyre

Summary

- Proven leader in software development and team management
- Committed mentor and coach, elevating team members' skill sets and fostering professional growth
- Resilient and dedicated, ready to embrace challenges and opportunities
- Strong customer focus, advocating for impactful changes and ensuring product value
- Full-stack generalist with 5+ years of hands-on engineering experience and consulting roles

Industry Experience

Technical Lead, Streamily

(Feb 2022 - Present)

- Directed the technical strategy of the company, including tech stack decisions and application scaling that resulted in over 300% decrease in API latency, and over 100% reduction in MySQL database CPU time
- Led a small developer team in a fast-paced start-up environment, handling hiring, code reviews, and regular coding contributions
- Instrumental in scaling the application to support increased traffic, employing optimization strategies across React, Node.js, MySQL and Redis, such as reducing certain under-performing queries from over 10s to under 0.2s.

Senior Developer, SubcoDevs

(2022 - Present)

- Senior developer for a consulting firm specializing in troubleshooting and unblocking projects for clients
- Key achievements include transforming Streamily's development process, implementing CI/CD pipelines, and enhancing application scalability
- Oversaw and designed the back-end implementation for an internal educational application tool using AWS and Node.js

Freelance Developer

(2018 - Present)

- Developed and delivered a wide range of projects for small businesses, including websites, internal tools and e-commerce platforms
- Notable project: revamped the online presence for Zircus, a queer underwear brand, enhancing its e-commerce capabilities through integrating with Stripe and PayPal

Skills

Technical Skills

- **Languages & Frameworks:** Node.js, JavaScript, Bash, React, Vue, Go, Lua, Clojure
- **Web Technologies:** HTML, CSS, Front-end Development, Responsive Design, Back-end Development, Distributed Systems

- **Databases:** MySQL, PostgreSQL, MongoDB, Redis, Cloud-based data services
- **Tools & Platforms:** Kubernetes, AWS (Amazon Web Services), GitHub Actions, Terraform, Linux, Git, Webpack, Cloudfront, Neovim / Vim
- **Software Development:** Object-Oriented Programming (OOP), Functional Programming, API Design and Development, Automated Testing, Continuous Integration, Continuous Deployment, CI/CD, System Architecture, Microservices

Methodologies

- **Project Management:** Agile, Test-Driven Development (TDD), DevOps, Rapid Prototyping, Scrum, Kanban
- **Design & Architecture:** Software Design Patterns, Systems Design, Infrastructure as Code (IAC), Data Pipeline Design, Cloud-Native Architecture, User Interface Design

Organizational & Soft Skills

- **Leadership & Management:** Team Building, Cross-Functional Leadership, Coaching & Mentoring, Talent Recruitment & Development, High-Performance Team Management, Strategic Planning, Decision Making, Change Management
- **Communication & Collaboration:** Effective Communication, Stakeholder Engagement, Negotiation, Problem-Solving, Conflict Resolution, Customer-Oriented Approach
- **Innovation & Creativity:** Creative Problem Solving, Product Development and Innovation, Adaptive Learning, Forward-Thinking

Other Competencies

- **Personal Attributes:** Resilient, Innovative, Dedicated, Strategic Thinker, Out of the Box Thinker, Detail-Oriented, Analytical, Kind and Compassionate, Truth Seeker
- **Hobbies:** Callisthenics, Playing guitar and bass, Tinkering with development environments

Education

Self Learning

(2010 - Present)

- Continuous self-taught learning through technical books, Udemy and other online platforms in computer science and new technologies

LPI Linux Certification

(Jun, 2021)

Capilano University

(Jun, 2009)

- Diploma in Jazz, with double major in bass and classical guitar
- Graduated with distinction

Other Experience

Professional Musician

(2009 - Present)

- Parallel career as a professional musician, highlighting dedication and commitment to continuous learning and skill enhancement
- Dozens of international tours with musical groups and cruise ship companies