

# Jeremiah Senkpiel

[www.jeremiah-senkpiel.com](http://www.jeremiah-senkpiel.com)

jeremiah.senkpiel@gmail.com

Squamish, British Columbia, Canada

---

## Summary of Qualifications

- "The kindest engineer I've ever met" — Bryce Baril, former NodeSource CTO.
- Production experience with: Rust, Git, Postgres, Terraform, FaaS, Node.js, C++, and Web Technologies.
- Additional Proficiencies include: C#, Unity, JavaScript, CSS, React, Redux, Make, and more.
- Other familiarities include: C, x86 ASM, GLSL, Bash, Vulkan, OpenGL, GraphQL, Objective-C, and more.
- Extensive experience building & growing open source software through community governance.

---

## Experience

### SENIOR II SOFTWARE DEVELOPER, *EAZE TECHNOLOGIES, INC* — 2020-2021

- Lead for introducing the Rust language to internal developers & projects.
- Reworked multiple back-end systems using Rust & Postgres, including Rust in FaaS (lambda).
- Design & implementation of an organization-wide Rust service framework.
- Wrote a successfully accepted Rust language RFC for a new fallible assignment construct ("let-else").
- Open-source development for http-rs, including connection pooling and config for the Surf http client.

### NODE.JS TECHNICAL STEERING COMMITTEE, *PERSONAL* — 2015-2020

- Leadership for Node.js through its first 4+ years under the Node.js / OpenJS Foundation.
- Development support for JavaScript language features including ES Modules.

### SOFTWARE DEVELOPER, *NODESOURCE INC* — 2015-2019

- Engineering Node.js runtime improvements including for the Timers & Streams subsystems.
- Node.js backend as part of a highly efficient & concurrent mass-data-processing FaaS pipeline.
- Full-stack JavaScript & WebGL UI development for a best-in-class production monitoring system.
- Built unique Node.js runtime monitoring integrations for N|Solid using C++.
- Release setup & deployment work for many Node.js runtime releases.

### NODE.JS WEB DEVELOPER, *ZAMBAH INC* — 2014-2015

- Rebuilt and launched a full web application using early React & Node.js.

### WEB DEVELOPER, *FREELANCE* — 2013-2014

---

## Sample Work

- Accepted RFC for a highly debated Rust language feature: [rendered text on GitHub](#)
- Eaze's publicly available Rust backend service framework: [repository on GitHub](#)
- Contributions to Tide, a Rust http server framework: [view pull requests on GitHub](#)
- 150+ Node.js core commits: <https://github.com/nodejs/node/commits?author=Fishrock123>
- Proposal for future Node.js streaming data APIs: <https://github.com/Fishrock123/bob>