

ERIC BAILEY

PERSONAL INFORMATION

GitHub <https://github.com/yurriq>
LinkedIn <https://linkedin.com/in/ericbee>
Email eric@ericb.me

PROGRAMMING LANGUAGES

Advanced (Bourne) Shell, Clojure, Haskell, \LaTeX , (Lisp Flavoured)¹ Erlang, Lisp/Scheme (various)
Experienced HTML, Idris², Java, LilyPond³, make, Objective-C, Swift
Intermediate Elixir, Go, Julia, Python, Rust, SageMath⁴
Dangerous Agda⁵, Awk, C, Rocq⁶, Elm⁷, F[‡], GAP⁸, OCaml, Sed
Familiar C++, CSS, JavaScript, PHP, Perl, R⁹, Ruby

SELECT WORK EXPERIENCE

Sportradar *April 2022–Present* **Staff Platform Engineer, SPORTRADAR**
Starting April 2022, I transitioned into an technical owner role of an internal hosting platform based on Kubernetes, handing over the lead responsibilities of our expanded team.
Tech: Kubernetes | AWS | Architecture | CI/CD | DevOps | Go | Nix¹⁰ | Terraform

July 2019–April 2022 **Lead Platform Engineer**
As the first global SRE¹¹, with a focus on automation, reproducibility, and company-wide cohesion through policies and best practices I help design, I work to empower developers, encourage and facilitate frequent shipping of code, and enable sysadmins to maintain good sleep hygiene, across multiple time zones. From March 2021 to April 2022, I led a team of two, focusing further on providing a solid PaaS to internal “customers.”
Tech: Go | Nix | Terraform | Architecture | Compliance | Policy | AWS | Kubernetes

Dec 2017–July 2019 **DevOps Architect (unofficial)**
Unofficially, I led development in the CI/CD space in Minneapolis, including containerizing legacy applications and infrastructure, and configuring ephemeral development environments.
Tech: Haskell | Docker | GitLab CI | Helm | Varnish

July 2017–Dec 2017 **Software Engineer**
I mostly wrote scripts to automate feed validation and identify hard-to-find bugs.
Tech: Elixir | JavaScript | Ruby | Property-based testing | RabbitMQ | Redis

2015–Present **Contributor, OPEN SOURCE**
Open Source Refer to my [GitHub](#)¹² and [OpenHUB](#)¹³ profiles for more information.
Tech: Clojure | Erlang | Go | Idris | LFE | \LaTeX | Lisp | Nix | Racket | Scheme

Nov 2012–Oct 2018 **Owner, ELECTRIC WIZARDRY**
Electric Wizardry My contract work has included [SQL security hole patching](#)¹⁴, updating [a bespoke kiosk web app](#)¹⁵ to work on IE8, porting an interactive Q&A app from iOS to Android, a custom podcast app for iOS and Android, [a vocabulary-building app](#)¹⁶ for iOS, and helping develop and maintain [a real-time audience interaction web app](#)¹⁷.

Aug 2015–Nov 2016 **Software Engineer, FRONTEND MASTERS**
Frontend Masters Starting as an occasional iOS contractor from 2013–2015, I joined [the company](#)¹⁸ full-time in 2016. Soon, my responsibilities shifted to re-architecting the backend, including codifying the data model, handling DevOps, and maintaining parity with the existing system while building its modular, data-driven successor.
Tech: (Lisp Flavoured) Erlang | Objective-C | (Rx)Swift | Video streaming

May 2014–Aug 2015 **Software Engineer, INVISIBLE FRIEND**
invisible friend As half of the core engineering team at this social media startup, I passionately wrote efficient, modular, well-tested code in an agile environment.
Tech: Clojure(Script) | Node.js | Docker | {Level,Rethink}DB | Nix | PostgreSQL | Redis

EDUCATION

<i>Associate of Fine Arts in Music</i>	2008–2013	Century College <i>Select Courses:</i> Statistics, Calculus (CLEP ¹⁹), Intro to Logic, Programming Fundamentals, Object-Oriented Programming, Internet Programming: Server-side Applications, Discrete Structures of Computer Science
<i>Undergrad Computer Science</i>	2012–2013	Metro State University <i>Select Courses:</i> Programming with Elementary Data Structures, Computer Organization and Architecture, Computer Networks, The Nature of Language
<i>General Studies</i>	2007–2008	University of Minnesota <i>Select Courses:</i> Physics, Modern Literature, Film, Political Science

MISCELLANEA

<i>Certifications</i>	CERTIFIED KUBERNETES SECURITY SPECIALIST (CKS) (ID: LF-enrofvdtl9) The Cloud Native Computing Foundation (CNCF) <i>Issued:</i> Aug 2025. <i>Expires:</i> Aug 2027. CERTIFIED KUBERNETES ADMINISTRATOR (CKA) (ID: LF-sw7t4x3trt) The Cloud Native Computing Foundation (CNCF) <i>Issued:</i> Jan 2022. <i>Expires:</i> Feb 2027.										
<i>Speaking</i>	EKS AUTO MODE: BEHIND THE CURTAIN Kubernetes Slovenia, Apr 2025 MIGRATING FROM kOps TO EKS Kubernetes Slovenia, Mar 2023										
<i>Volunteering</i>	ClojureBridge MN²⁰ TEACHING ASSISTANT At two workshops, I've volunteered to help women, trans, genderqueer, and gender non-conforming people learn (more) Clojure. UndeadArt.org²¹ WEB TEAM MEMBER Helped lead the project, participating in discussions and contributing code.										
<i>Spoken Languages</i>	<table><tr><td>ENGLISH</td><td>Native speaker</td></tr><tr><td>ESPAÑOL</td><td>Competencia laboral limitada</td></tr><tr><td>NORSK</td><td>Grunnleggende ferdigheter</td></tr><tr><td>SLOVENŠČINA</td><td>Pivo, prosim. Hvala.</td></tr><tr><td>SVENSKA</td><td>Baskunskaper</td></tr></table>	ENGLISH	Native speaker	ESPAÑOL	Competencia laboral limitada	NORSK	Grunnleggende ferdigheter	SLOVENŠČINA	Pivo, prosim. Hvala.	SVENSKA	Baskunskaper
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LINKS

- ¹<http://lfe.io/>
- ²<http://idris-lang.org>
- ³<http://lilypond.org/>
- ⁴<https://www.sagemath.org/>
- ⁵<http://wiki.portal.chalmers.se/agda>
- ⁶<https://rocq-prover.org/>
- ⁷<https://elm-lang.org/>
- ⁸<https://www.gap-system.org/>
- ⁹<https://www.r-project.org/>
- ¹⁰<https://nixos.org/nix/>
- ¹¹<https://opensource.com/article/18/10/what-site-reliability-engineer>
- ¹²<https://github.com/yurriq>
- ¹³<https://www.openhub.net/accounts/yurriq>
- ¹⁴<https://rfmoeller.com>
- ¹⁵<https://www.honeywell.com>
- ¹⁶<https://web.archive.org/web/20130711014544/http://definest.co>
- ¹⁷<https://www.voicehive.com>
- ¹⁸<https://frontendmasters.com>
- ¹⁹<https://clep.collegeboard.org/science-and-mathematics/calculus>
- ²⁰<http://clojurebridgemn.org/>
- ²¹UndeadArt.org