

Chris Bloom

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Software Engineer,

📍 [Sarasota, FL \(UTC-4/5\)](#)

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Mentor, Technical Leader

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Hello 👋

I am a lifelong learner with over 20 years of software development experience, both professionally and for fun. For the past 5 years at GitHub, I've contributed to multiple large-scale, high-volume products, leveraging my passion for deep technical dives into complex business logic. This has led to the successful delivery of multiple internal tools and customer-facing features. I approach my work with curiosity, thoroughness, empathy, humility, and adaptability.

Objective

I am seeking challenging, growth-oriented opportunities as a senior team member within a collaborative and dynamic engineering organization. I will leverage my experience in mentoring, process optimization, and leadership-by-example to build cohesive, high-performing teams that consistently deliver results. I am comfortable collaborating with stakeholders at all levels and thrive in roles that balance technical leadership, research, documentation, architecture, and hands-on contributions.

My Core Values

- Make meaningful contributions
- Live and work autonomously
- Advocate for underprivileged and underrepresented groups
- Work towards a better understanding of myself, my universe, and my role in it
- Leave everything better than I found it

Active Skills and Tools

Languages & Frameworks

- BDD / TDD
- Go
- Protobuf
- Rails / Ruby / Sorbet
- TypeScript

Tools & Utilities

- ChatGPT / Copilot / AI Prompt Design
- Codespaces / DevContainers / Docker
- Git / GitHub
- MariaDB / MySQL / PostgreSQL
- MiniTest / Rspec / Rubocop
- Slack API / Slack Apps
- WebSocket API

Recent Experience

GitHub / Senior Software Engineer

AUGUST 2019 – PRESENT, REMOTE

As a Senior Software Engineer at GitHub, I've contributed to diverse teams such as Code Search, Ruby Infrastructure, and Security Products, as well as cross-functional groups focused on system stability, diversity, mentorship, and internal communication systems. In collaboration with design and product teams, I helped define deliverables and refine project scope, while also representing GitHub in external working groups with Google and key security customers. Beyond my core responsibilities, I developed a custom internal Slack integration, contributed to open source projects, and delivered presentations on mentorship and technical topics. I've also led technical research, data analysis, and the creation of runbooks, best practices, ADRs, alert monitors, and metrics dashboards. My work spans technologies like Ruby, Rails, Sorbet, TypeScript, Protobuf, Docker, Elasticsearch, Redis, MySQL, Kafka, Go, and more.

BrightBytes / Senior Software Engineer

DECEMBER 2018 – MAY 2019, REMOTE

As a Senior Software Engineer at BrightBytes, I oversaw the Data Pipeline process, the organization's primary suite of tools for importing, transforming, and exporting customer data for aggregate analysis and establishing a common data model. My responsibilities included maintaining various internal tools, Ruby gems, and libraries, collaborating with the Research and Analytics team to address future needs, leading discovery sessions to understand the evolution and use cases of existing tools, and contributing to roadmap planning. Throughout these efforts, I leveraged a range of technologies, including Ruby, Rails, AWS, Redshift, Postgres, Docker, Convox, Python, and other open source tools.

YouEarnedIt / Senior Software Engineer

MARCH 2016 – OCTOBER 2018, REMOTE

As a Senior Software Engineer and Team Lead at YouEarnedIt, I reported to the VP of Engineering and contributed to the development of the YouEarnedIt.com SaaS platform and applications. I led a team of platform developers, researched and developed product features using Agile methodologies, provided technical support, managed product deployments and infrastructure, and conducted technical interviews. Additionally, I was a member of the platform integration committee, making technology recommendations following the acquisition of HighGround in 2018. In a support capacity, I also assisted the Product, Engineering, Customer Success, and Sales teams by documenting processes and features for internal and external audiences, managing existing customer integrations, and implementing a triaging process for prioritizing internal requests. Throughout these efforts, I utilized a range of technologies, including Ruby, Rails, MongoDB, Postgres, Redis, Resque, Mandrill, Foundation, React, JSON, SASS, HAML, SAML, New Relic, AWS, and other open source tools.

Notable Past Roles

Panoptic Development, Inc. / Senior Software Engineer
NOVEMBER 2012 – NOVEMBER 2015, REMOTE

Freelance Software Developer
JANUARY 2003 – JANUARY 2013

Lifespan / Web Infrastructure Analyst
JUNE 2001 – DECEMBER 2002, PROVIDENCE, RI

Honeywell Consumer Products / Assoc. Programmer/Analyst
MAY 2000 – JUNE 2001, SOUTHBORO., MA

Additional details regarding my work history are available upon request.

Education

WPI CE / Certification - Client/Server Technologies
SEPTEMBER 2000 – MAY 2001, WPI METROWEST CAMPUS, SOUTHBOROUGH, MA

WPI CE / Certification - Unix Administration
JANUARY 2000 – MAY 2000, WPI METROWEST CAMPUS, SOUTHBOROUGH, MA

Blackstone Valley Regional Vocational Technical High School
Diploma - Machine Technologies
MAY 1994, UPTON, MA

Growth Highlights

FOLC / Certification - Wilderness First Aid and CPR
APRIL 2024, FOLC FARM, GAINESVILLE, FL

Stanford Center for Professional Development
Course - Ethics, Technology + Public Policy for Practitioners
OCTOBER 2023 – NOVEMBER 2023, STANFORD.EDU

Uplimit / Certification - [Modern Software Engineering](#)
July 2023, UPLIMIT.COM

Uplimit / Certification - [Prompt Design and Building AI Products](#)
June 2023, UPLIMIT.COM

Etcetera

- Collaborated on multiple open source projects, including [annealing](#), [earrl-ruby](#), [elastomer-client](#), [grape](#), [rails](#), and [slack-ruby-client](#)
- Authored and maintained my own open source Ruby gem, [enumpath](#)
- Presented at RubyConf 2022 on the topic of [Simulated Annealing](#)
- Contributed extensively to software developer support platforms and open source documentation for over two decades
- Member of the OpenSSF [Vulnerability Disclosures Working Group](#) and contributed to the [OSV Schema](#), which underpins GitHub's [Advisory Database](#)