
Baylee Schmeisser

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Pronouns: they/them/theirs

TECHNICAL EXPERIENCE

Senior Software Engineer - Dutchie / Greenbits - July 2019 to May 2021

Coordinated a Ruby on Rails upgrade on a mono-repo with multiple teams, which resulted in faster response times and decreased CPU as well as patching risky security vulnerabilities. Created internal SLO marks for regular framework upgrades. Worked deeply with the frontend EmberJS and Flutter mobile apps and backend API's to implement cross platform solutions.

Revamped the reliability and alerting of the core infrastructure to prevent unnecessary pages in some cases and filling in gaps so we could discover issues before our customers. Created an ongoing Risk Matrix meeting with engineers to voice and lift up concerns about safety and security of the software and creating SLO's to better inform decision makers about the risks involved.

Upgraded a sensitive data transfer system that no longer requires engineering intervention while maintaining sensitive data with SOC2 compliance and creating a 4/5th reduction in the time it took to complete a previously multi-hour process.

Senior Software Engineer - New Relic - February 2016 to July 2019

Created full-stack solutions from the JavaScript agent running on millions of websites with an automated deployment system, to the React UI with complex tooling and integration with UI platforms, and of course including our high throughput Java, Kafka and Cassandra backend, often serving over 25 million requests a minute.

Innovated with reliability, by creating solutions to pragmatically track data points to help inform us of ongoing reliability goals agreed upon by the team to reduce our hardware, pages, deploy failures, meet uptime goals, and improve the customer experience. Created change within the process to include regular permission audits, runbooks for all alerts, risk matrix reviews, and OKR's to inform prioritization.

Coached developers and participated in the internal community. Doing workshops to teach deeper JavaScript to engineers, hosted lunches for the internal "Engineering Curious" program, and curated book clubs to improve communication skills.

Senior Software Engineer; Contractor - DAT Solutions - May 2015 to January 2016

Improved a SaaS application using front-end Angular, with continuous integration using technologies including Jasmine, Protractor, and TeamCity.

Further developed the quality of the project by refining code review processes, creating a continual pairing workflow, and improving deployments with Ansible.

Senior Software Engineer - Vitals.com - May 2012 to April 2015

Served the lead role in the creation and maintenance of a web application which received over 19 million pageviews a month. Implemented a new deployment process for the applications that made it fast, reliable, and accessible to all team members.

Software Engineer - Skynet Solutions Inc - November 2010 to April 2012

Lead programming tasks and projects through implementation including enhancements, maintenance, and support for client's applications and interfaces.

Application Developer - Online MedSource - June 2009 to July 2010

Created new procedures for easier additions to the current medical records form building software.

Technical Intern - Mabee Center - June 2009 to July 2010

Developed and refactored production applications which resulted in ~200ms faster load times.

COMMUNITY ENGAGEMENT

Presenter

Technical topics including application performance, testing best practices, productive tooling, refactoring, open-source, and debugging. Non-technical topics include communication tools, LGBTQIA+ education, and accessibility practices.

Organizer

Organized multiple clubs around self improvement, communication techniques (such as NonViolent Communication and Manfred Max-Neef's Fundamental human needs), and further acceptance and understanding of all folks (specifically BIPOC and LGBTQIA+). These clubs regularly included people within all parts of the organization such as Engineering Managers, Product Managers, Engineers, Designers, Support, and DevOps.

Organized Hacktoberfest 2017 in Portland, with almost 100 attendees and 9 first time open source pull requests.

OPEN-SOURCE PROJECTS

Zazu 2,000 ★

A fully extensible and open source launcher for hackers, creators, and dabblers. It comes with intentional defaults to make it useful out of the box. But everything can be changed to fit your needs. Don't let others tell you the best way to be productive, configure it to be perfect for you.

Dotties

A dotfile manager that works in a distributed and extensible way, utilizing GitHub for package hosting. Dotties' continues to be a creative way to allow sharing of components, allows fast setup of machines, and improves developer happiness.