Daniel Sellergren

Senior Software Engineer & Technical Lead

- danielsellergren@gmail.com
- Richmond, VA, USA

Summary

Full-stack engineer with 15+ years experience building modern, sustainable web applications. I enjoy working on infrastructure and back-end applications, pure JavaScript and its frameworks, as well as accessible and semantic HTML and CSS. I also love helping junior developers, speaking to groups on interesting topics, and explaining technical topics to non-technical people. Outside of engineering I take joy in my work with non-profits, landscape photography, event planning, gardening, and running long distances.

Key Skills

- Ruby, Ruby on Rails
- JavaScript, Node, React, React Native, HTML, CSS
- PostgreSQL, MongoDB, MySQL
- Docker, Kubernetes, Kafka
- AWS, Fly, Heroku
- macOS, Linux
- Git, GitHub, GitLab
- Artificial intelligence, machine learning, signal processing

Professional Experience

Senior Software Engineer & Engineering Manager - Hopin (2020-2022)

- Early stage engineer helping grow the company from 13 to 1,200 people over two years.
- Handled new feature work and maintenance for a Rails monolith and React frontend, servicing millions of users.
- Responsible for complete overhaul of self-service Payments system as well as migration of thousands of subscriptions from Stripe to Chargebee.
- Built and maintained over 30 internal tools and dashboards from the ground up to fill various needs across Support, Finance, Engineering, and Sales.
- Created a set of Ruby microservices for Content Moderation which leveraged Kubernetes, Gitlab CI, Kafka, AWS SQS and Lambdas, as well as integration with two third-party providers to handle hundreds of thousands of messages per week.
- Founding engineering presenter at the Hopin Academy, our onboarding process for new hires.
- Founder and host of the Engineering All Hands internal showcase.

Platform Developer - Mobelux (2016-2020)

- Built multiple large Rails applications from scratch, including a local produce delivery service, a custom multi-tenant CMS servicing over a dozen clients, and internal tooling.
- Oversaw every Ruby project; managing junior developers, answering questions, reviewing code, merging pull requests, and deploying applications to multiple environments.

- Led major upgrade efforts, moving Rails projects from as early as 2.3 to modern versions.
- Jumped in and contributed significantly on other projects from Python/Django to React Native to custom in-store displays.
- Regularly interfaced with clients and volunteered in the community.

Full Stack Developer - INM United (2011-2016)

- Built dozens of websites and applications, from one-page brochure sites as a front-end developer to full-stack web applications for international companies in Ruby, PHP, and .NET.
- Traveled to embedded on-site development sprints, working regularly with clients, executives, and in-house development teams.

Web Developer - Freelance (2007-2011)

- Designed and developed websites and e-commerce for clients from insurance companies to artists to pro-bono work for local charities.
- Ruby on Rails, WordPress, Drupal, Joomla!, and custom PHP.

Education

University of Miami (2002-2006)

- B.S. Neuroscience

    - Minor in Biology.

- B.A. Film Production

    - Minor in Philosophy.

Virginia Commonwealth University (2011-2014)

- M.S. Computer Science

    - Emphasis on AI/ML, signal processing, and brain-computer interfaces.

Community

- Fundraiser and member of the Board of Directors for Safe Harbor, providing services to survivors of human trafficking and domestic violence. (2018-2023)
- Cofounder and regular speaker at ReactJS(RVA). (2018-2020)
- Author of activeadmin-history and css_naked_day_rails gems.