Megan Danielle Tiu

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Professional Skills

- Ruby, Rails, Python
- PostgreSQL, PL/pgSQL, SQL
- Redis, Sidekiq, Elasticsearch

- HAML, ERB, Sass, Bootstrap
- ReactJS, JavaScript, HTML, CSS
- Git, Ansible, AWS, Heroku, Bash

Work Experience

CallRail, *Senior Software Engineer*   2016 – Present
- Create, plan, and run all phases of a Software Development Apprenticeship program, including devising an entirely new hiring process and providing apprentices with technical mentorship
- Significantly cut operational costs by reducing external API queries and building a conservative inventory management system using Ruby on Rails
- Automate server configuration, deployments, and other operations with Ansible and AWS-hosted infrastructure

Fittery, *Lead Software Engineer*   2016
- Led planning, architecting, and development of 4 customer-facing Rails and JavaScript products
- Collaborated with sales and product teams in determining engineering priorities
- Reduced technology infrastructure costs by 45% through server and database management

Fittery, *Software Engineer*   2015 – 2016
- Developed, tested, debugged, and delivered all components of consumer-facing and internal features across multiple Rails applications and Ruby libraries
- Maintained PostgreSQL databases, writing PL/pgSQL stored procedures when appropriate
- Managed company assets, production deployments, and infrastructure with AWS
- Designed and built responsive user interfaces with ReactJS, HTML, CSS, and JavaScript

Public Speaking

The Practical Guide to Building an Apprenticeship   2018
- Instructions and best practices for creating a developer apprenticeship program
- Presented at RubyConf Philippines, RailsConf, Madison+ Ruby

Finding Beauty in the Mundane   2017
- Using empathy to enjoy the historically unappreciated parts of web development
- Presented at Windy City Rails, We Rise, RubyConf

Volunteer Experience

Rails Girls Atlanta, *Board of Directors, Communication Coordinator*   2015 – 2017
- Managed the organization's online presence through copywriting and communications
- Educated members on Rails topics including app creation, gems, routing, MVC architecture, and upgrades through speaking engagements, workshop coaching, and one-on-one sessions

Education

Tech Talent South, *Full-time Code Immersion*   2015
Georgia State University, *Bachelor of Arts, Film and Video*   2011 – 2015