

Eamonn McHugh-Roohr

Senior Software Engineer · Greater Boston / Metro West

Eamonn.m.r@gmail.com · EamonnMR.com · (860) 713-9469 · (name rhymes with Cayman)

Arine: Senior Software Engineer

Nov 2022 - Present

- Just started, so there isn't much I can say yet.

SmarterTravel: Senior Software Engineer

May 2021 - Nov 2022

Software Engineer (Platform)

Mar 2017 - May 2021

- Program in Python for everything from microservices and utility scripts to custom monitoring
- Worked mainly on an Email team maintaining email services which sent millions per day,
- Also worked on the back-end of our hotels site, maintaining FastAPI services.
- Completed "Leading With Purpose" management training, managed individual contributors.
- Connected microservices together with Apache Kafka to manage big parallel loads.
- Conducted technical interviews to grow the company by hiring excellent engineers.
- Helped migrate critical email infrastructure to Green Arrow, achieving major cost savings.
- When we acquired STM, I adapted our (nice) ETL framework to onboard data.
- Assisted stakeholders (data analysts) in a timely manner including an on-call rotation.
- Took ownership of both of our two ETL projects; point of contact and frequent fixer.
- Long time Scrum Master (obtained a certification from Scrum inc after completing course.)
- Managed a situation where a critical external vendor (distil) was sunseting their service.
- Ensured open source license compliance across hundreds of projects via Blackduck.
- Smartertravel is formerly Hopjump and Cognius before that; persevered through two pivots.

KEW Inc: Full Stack Engineer

Mar 2016 - Jan 2017

- Built a reporting framework for our pipeline in Django for visibility into our sequencing stats.
- Worked independently and with a larger team to solve operational issues for the company.
- Helped manage a project involving multiple outside contracting firms and contractors.
- Built and maintained Ansible scripts for automated deployment, configuration, etc.
- Configured Linux servers to run Django, legacy projects I'd inherited, and even CGI scripts.
- Watched with pride as the infrastructure returned automatically after a power outage.

Luvo: Junior Software Engineer

Jun 2015 - Feb 2016

- Our team integrated a video platform into the application for online tutoring.
- Helped run the ecommerce site built in Django and Angular.
- Grew as a programmer through code reviews and reviewing code for team members.
- Built a facebook-like content feed as part of an independent 'hackathon' project.'
- My biggest takeaway here was probably learning how to work effectively in an eng team.

Sports Technologies: Developer

May 2014 - May 2015

- Built and maintained fantasy sports web apps with Ruby, Rails, MySQL, and Postgres.
- Re-wrote the NHL Hat Trick Challenge scoring code from Java/MySQL to Ruby/Postgres.
- Built an admin interface for NASCAR Fantasy Live to enable much-needed moderation.
- Supported end users on various fantasy products, by phone, email, and web forum.

Education: BS: Computer Science, Mathematics Minor: Westfield State University, Westfield, MA

Skills:

- Experience programming in Python, JavaScript (ES6), Ruby, Java, and SQL
- Technologies: Apache Kafka, Redis, Postgres, Amazon Redshift, git, vim, tmux
- Frameworks/libraries: FastAPI, Flask, Django, Rails, React, Alembic
- DevOps: Docker, Nginx, Nagios, general Linux (Ubuntu, Fedora/CentOS) experience
- Soft Skills: Strong communicator; people person; never afraid to write documentation!

Side Projects:

- OLS: Open source implementation of a Lockstep-networked RTS using Python
- Multiplayer Escape Velocity clone in the Godot engine (GDscript is similar to Python)
- A 3d space RPG for the web; started out using babel but now just uses js.