Fernando Mezzabotta Rey

GitHub: https://github.com/fermezz
LinkedIn: https://linkedin.com/in/fermezz
Email: fermezz@gmail.com

Technical Skills

Languages

Python

– I've worked extensively in Python –2.7 and 3.7+, a lot,– from scripting all the way to developing not-so-micro services in an OO fashion.

Java

– Know Java and it's principles but haven't really *worked* with it, beyond making projects with it at college.

Rust

– Like it a lot. I've mainly played with it, but would love to work with Rust professionally some day. Developed an unfinished and super simple Jenkins CLI client with it, called jenr: https://github.com/fermezz/jenr.

CI/CD

Jenkins

– Worked extensively with it. Setting up several regular-jobs as well as many pipelines, in combination with many of its plugins.

Travis CI

– Used it mainly to work with open source projects.

Testing Practices

Test Driven Development [TDD]

Agile Methodologies

Scrum

Job Experience

Eventbrite – Software Engineer

Engineering Development Academy (EDA)

– As a junior engineer I participated in the development academy Eventbrite has to introduce engineers getting out of college or with no/little experience into the tech industry.

Music Product

– Built several features related to Eventbrite Music.

– Participated on building and maintaining the Artist Search feature powered by Elasticsearch, so that organizers could search through ~5M artists and tag some of them into their events.

– Designed, implemented, documented and maintained public and private REST-ish API endpoints.

– Owned a specific service of our distributed architecture which had to respond up to ~200 requests per second.

– Worked with several technologies such as Redis, Celery with RabbitMQ as backend, Django as web framework and uwsgi as application server. Used Nginx for reverse-proxy.

– Monitored the before mentioned services and overall infrastructure through tools such as DataDog, Graphite, Splunk, etc.

DevTools [Current]

– I'm participating on building an maintaining our CI/CD process with mainly Jenkins.

– Supporting and maintining our built-in-house, Kubernetes-based development tool.

– Participating on maintaining and improving the Docker images our services use in the before mentioned Kubernetes-based tool. Extensive Docker experience, here.

– Our Kubernetes Development tool is hosted in AWS in EKS. Also worked with ECR, EC2, ECS, CloudWatch and a bunch of other AWS services.

Tech Debt [Extra]

– Participating on a project that consists in migrating all of our +100 repositories using Python from Python 2 to Python 3. For that to happen, we implemented and keep improving a bunch of Jenkins pipelines that run tests – with Tox and PyTest – inside a Docker container.

– Participated on deprecating a built-in-house, very old ORM for Python in favor of the Django ORM.

– Was involved in a company-wide effort of breaking up a huge monolith into remote services.

Just For Fun

Audio Programming

– I find audio programming really interesting and I try to play with it when I find the time! Still very new in this world, though.

Education

Universidad Tecnológica Nacional – FRM

Systems Engineering (2012 – 2020) – Missing only the final subject to graduate.

On Culture

– I like to participate in side projects besides my tasks in a job. It keeps me motivated and, thus, focused.

– Teamwork is super important to me, as well as keeping a good work relationships with my co-workers.

Languages

Spanish

Can read – Natively

Can speak – Natively

English

Can read – Advanced

Can speak – Advanced