Celine Fabry

Senior Software Engineer

WORK EXPERIENCE

Instrumentl https://www.instrumentl.com
Discover best-fit grants, craft winning proposals, and manage your grants — all in one.

Senior Software Engineer   12/2023 – Present

- Main infrastructure engineer running production systems since 2025.
- Rewrote the entire payment system with Stripe and integration with CRM (Hubspot, Intercom)
- Currently handling database admin, DevOps and security (including SOC2 and training).
- Ruby on Rails - Postgres running on Heroku - terraformed GKE with CI.

Etteilla Foundation https://etteilla.org
Nonprofit dedicated to preserving and promoting the cultural heritage of playing cards.

Full Stack Software Engineer - Volunteer   01/2022 – 2024

- Wrote Front end with Python/Starlette, ReactJS/Typescript.
- Wrote Back end with Python/Flask/FastAPI, SQLAlchemy, MySQL.
- Docker containers hosted in Kubernetes on Azure.

Cyber Security Technologies Foundation https://cysectech.org
Non profit dedicated to helping bring trust into the cyberworld.

Full Stack Engineer & Co-Founder   02/2018 – 02/2023

- Created from the ground up TrueTesting
- Wrote Front end with Python/Starlette.
- Wrote Back end with Python/Flask, SQLAlchemy, MySQL.
- Docker containers hosted on Azure App Services for Containers.

ClearGene https://cleargene.com
RNA Diagnostics from Cancer to COVID.

Software Engineer & Data scientist   07/2020 – 08/2020

- Designed web app to run PCR primers alignments with all genomes from respiratory pathogens.
- Wrote Web UI for submissions and reports with PDF export.
- Python web apps running in docker containers on GCP.

PetSquare
Search engine for animal owners.

Software engineer & Founder   2014 – 2020

- Wrote Front end in VueJS.
- Wrote Back end in Python/Flask, MySQL.
- Docker containers running on Google AppEngine.

PREVIOUS EXPERIENCE

Web developer https://elie.net   2012 – 2020
Software Engineer, Orange Labs, France   05/2011 – 05/2012
Software Engineer, Schneider Electric, France   09/2010 – 12/2010

CONTACT

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in LinkedIn profile
🌐 https://celine.im

SKILLS

Front End
- Javascript, Typescript
- ReactJS, VueJS, NextJS
- Webpack, Node, NPM
- CSS, SASS, Tailwind, Bulma

Back End
- Ruby, Python
- Containers
- Linux, Windows, MacOS

Infrastructure
- GCP, Azure, AWS, Heroku
- Kubernetes, PubSub, Firebase
- Vercel
- Serverless, Cloud Functions

Databases
- MySQL, PostgreSQL
- BigQuery

Tools
- Git, CI, terraform
- VSCode, R Studio
- Jupyter Notebook

EDUCATION

Université Grenoble Alpes
MS Computer Science
2007 - 2008
PhD Structural Biology
2004 - 2008

VOLUNTEERING

NASA Space Apps *(2023-present)*
- Local organizer

Hacker Dojo *(2016-2019)*
- Board member
- Network Admin

Usenix Security *(2015-2016)*
- Android and Web developer

HOBBIES

- Electronic music production
- Video games
- Computer Security
- Snowboarding

LANGUAGES

- English (Fluent)
- French (Native)