Constantin De La Roche

Software Engineer - Ruby on Rails / Js / Python

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📍 Remote from France | On site ok (not in France)

About me

I'm a full stack software engineer. I am experienced with Ruby on Rails and Python, among other languages & tools**.** I am interested in designing and building valuable softwares with amazing colleagues. As a former entrepreneur, I can lead a project and I am sensible to the business value of my work. I am a knowledge sharing enthusiast.

Experiences

Kamatz - Full stack developer 2021 - present (2 years +)
Kamatz is a startup making a freelancing marketplace. I design, build and run the web application within an experienced technical team following the Scrum methodology.
Languages: Ruby, TypeScript, SQL
Frameworks: Ruby on Rails, VueJs
Tools & services: PostgreSQL, Elasticsearch, AWS, GitLab, Terraform, Datadog, Sentry

Botcrypto - Cofounder and tech lead 2017 - 2023 (5 years)
Botcypto was a SaaS, a trading service. It provided a "no-code" solution to create and run trading strategies: users define buying and selling conditions with a WYSIWYG interface and then create a bot that applies the strategy on a market. Trading orders were sent to the user broker account. I developed a micro-services architecture for the trading engine using python, I used Ruby on Rails for the web backend and VueJs for the front-end. I setted up our infrastructure based on dedicated hosts running a Docker Swarm Cluster. I managed a team of 5 people.
Langages: Python, Ruby, Javascript, Bash, SQL
Frameworks: Ruby on Rails, VueJs
Outils & Services: PostgreSQL, Redis, Ansible, Docker Swarm, Portainer, ELK, GitLab

Airbus / CCL Consulting - Software Engineer 2021 (1 year)
Build and run of software to manage data migration from Microsoft to Google. I worked on APIs to create and schedule batches in cooperation with other Airbus teams.
Languages: Python, PowerShell
Frameworks: Django Rest
Services: GCP (App Engine), RabbitMQ

Orange / Capgemini - Lead developer 2018 - 2020 (2 years)
I worked on "Network as a Service" offers at Orange. I builded APIs to configure network devices such as load balancers and switches. I managed a team of 4 developers.
Languages: Python3
Frameworks: FastAPI, OpenTelemetry
Tools & services: Docker, Ansible, Redis, RabbitMQ, Docker Swarm, Portainer, ELK, GitLab

Educations

Engineering Degree - Télécom Physique Strasbourg. With honors. 2015 - 2018

Major in digital infrastructures and IoT. Highly qualifying in programming and network.
- C, Java, Bash
- Network administration: IP addressing plan, IPv6, iptables

Master - Strasbourg University. 2016 - 2018
Major in network and embedded systems.
- Compilation
- Network protocols and routing: BGP, OSPF

Preparatory classes MPSI/MP* - Camilles Guérin, Poitiers. 2014 - 2016
Intensive preparation for engineering school entry exams.
Major in mathematics, physics and programming (Python & OCaml)

Certifications

Kubernetes Application Developer **AWS Cloud Practitioner**
07/2021 08/2021

Languages

English **French**
Professional - C1 Native

Interests

Reading books about society, philosophy and technology.
Practicing piano and learning arabic.
I enjoy practicing different sports ! Footing, climbing, swimming especially.
I like playing society games and board games.