

**Full name:**

Pierre FILSTROFF

Industry:

Software Engineering

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Address:

Greater Strasbourg Metropolitan Area

Headline:

Software Engineer - IC - Ruby on Rails/Hotwire - Android/iOS - DevOPS

Summary:

Current interests: #ruby #rubyonrails #turbo #stimulus #android #ios #docker #k8s #devops #proxmox

A seasoned professional with over 15 years' experience in software development, I stand out for my versatility and ability to master both backend development and the creation of native mobile applications.

Rigorous and methodical, I invest myself in each project with a quality-oriented approach and continuous integration. My global vision of the software development cycle, from design to production, enables me to provide complete, long-term solutions to the most complex technical challenges.

Education

Manager of Information Systems

eXia - Ecole Supérieure d'Informatique du CESI STRASBOURG

2007 - 2012

Projects

Challenge - Wineskills (Rails + gRPC)

This project aims to demonstrate the ability to serve and parse wine data using the gRPC protocol with a Ruby client.

- Platform:

Experience

**Senior Software Engineer at Malo**

2024 - now

As an individual contributor focusing on Ruby/Ruby on Rails, I tackled various technical challenges including implementing pub/sub in-app purchase notifications from Apple/Google, integrating health check-ups, implementing Turbo Navigator, adding password authentication after OTP, setting up self-hosted monitoring systems (Grafana, Prometheus), error tracking (Sentry), and marketing automation (Parcelvoy), while also creating an Elasticsearch-based content recommendation system and configuring Kamal deployments.

Challenges:

- Pub/sub in app purchases notifications storage from apple/google
- Health check up integration on Malo
- Turbo navigator integration (<https://github.com/joemasilotti/TurboNavigator>)
- Password user authentication after OTP
- Self-hosted monitoring system setup (grafana, prometheus, uptime)
- Self-hosted errors tracker setup (sentry)
- Self-hosted marketing automation platform setup (parcelvoy)
- Created a content recommendation solution with elasticsearch based on user and children interests on the plateforme
- Kamal deployments setup

Skills

Ruby · Ruby on Rails · Infrastructure · Swift (langage de programmation) · Kotlin · Android · iOS · DevOps · Amazon Web Services (AWS) · GCP

**Senior Lead Developer at Malo**

2022 - 2024

As the technical referent of the Malo team working with the CTO, I was responsible for product security, API and mobile releases, team organization, while participating in feature design, code reviews, and development of both Ruby on Rails backend and Android/iOS mobile applications using turbo-android/turbo-ios.

- Technical referent of the Malo squad linked with the CTO
- Responsible for the product security (gems/ruby dependencies updates, code reviews)
- Responsible for the API and mobile releases
- Review of documents upstream of development (product doc, feature brief, design doc)
- Responsible for the organization of tasks and communication within the Malo team
- Participation in the reflection and choice of new features
- Code reviews / Pair programming
- Development of new features - Ruby on Rails Malo backend
- Development of the Android/iOS application for Malo (turbo-android/turbo-ios)

Success stories

- Reworked the android application using react-native into android application from scratch using android turbo lib (<https://github.com/hotwired/turbo-android>) ~ 2 months
- Reworked the iOS application using react-native into iOS application from scratch using android iOS lib (<https://github.com/hotwired/turbo-ios>)

Technical stack

Rails 7, Ruby 3.1.3, Importmap, Hotwire (Stimulus, Turbo), Erb, Tailwindcss, Appsignal, Blazer, Android, Kotlin, Swift

Skills

Ruby · Problem Solving · Docker · DevOps · Développement d'applications web · PostgreSQL · Développement Android · Kotlin · Android · Swift (langage de programmation) · Ruby on Rails · Développement web back-end · Hotwire · Amazon Web Services (AWS) · GCP · Leading Development Teams

**Senior Software Engineer at Lifen**

2022 - 2022

<https://github.com/wineskills/platform>
- Client: <https://github.com/wineskills/ruby-client>

2024

Challenge - Entity 1 - Recipe research

This challenge aims to demonstrate to ability to search a recipe from ingredients

2023

HTML2HAML

Fast HTML to HAML converter tool built upon latest Ruby on Rails technologies aka Hotwire

Technical stack: Ruby on Rails (>=7.1), Dokku, PostgreSQL, Haml, Rspec

2023 - 2023

Challenge - Entity 2 - Bookings

This challenge aims to list listings, create reservations, missions and bookings

2023

FIWARES

Website built to publish provided services description with a contact form

Technical stack: Ruby on Rails (>=7.1), Dokku, Redis, AWS SES, Haml, ActiveAdmin, ActiveStorage, Rspec, Ahoy

2022 - 2023

Challenge - Entity 3 - API products with discounts

This challenge aims to expose products through an API and apply some discounts

2021

GEST LEASE ING

Web application developed for GEST LEASE ING, a company that buys and sells commercial vehicles, agricultural machinery, handling equipment and public works equipment in the Grand Est region, Germany, Switzerland and throughout Europe.

Technical stack: Ruby on Rails (>6.0), AWS S3, AWS SES, MYSQL, Haml, ActiveAdmin, Sentry, jQuery, ActiveStorage, Devise, Rspec

2019 - 2019

Messaging team - participated in the implementation of some features on a Ruby on Rails application and microservices in nodejs
Messaging team - participated in the implementation of some features on a Ruby on Rails application and microservices in nodejs

Skills

Node.js · Ruby · Ruby on Rails

Senior Software Engineer at Octoly

2020 - 2022

Backend developer Ruby On Rails for the Octoly company specialized in connecting brands with influencers and consumers.

- Participation in the development of consumer access on the platform
- Participation in the development of the Android application
- Features creation, maintenance and bug resolution.
- OPS (unix, aws)

Technical stack

Ruby, Ruby on Rails, React, GraphQL, PostgreSQL, AWS, ReactJS, Haml, Git, Sentry, Capistrano, Android, Java, Kotlin

Skills

Ruby · JavaScript · DevOps · PostgreSQL · Java · Kotlin · Android · MySQL · Ruby on Rails · GraphQL · Amazon Web Services (AWS)

Senior Software Engineer at Fiwares & Technologies

2018 - now

Freelance Software Engineer specialized in web and mobile applications development (Android)

Technical stack

Ruby On Rails, Sentry, PostgreSQL, Mysql, AWS SES, S3, Haml, JS, Sass, Scalingo, Heroku, Git
Freelance Software Engineer specialized in web and mobile applications development (Android) Technical stack: Ruby On Rails, Sentry, PostgreSQL, Mysql, AWS SES, S3, Haml, JS, Sass, Scalingo, Heroku, Git

Skills

Ruby · Docker · DevOps · Ruby on Rails · Dokku · Amazon Web Services (AWS) · GCP

Senior Software Engineer at Four J's Development

2012 - 2020

Tools

Senior software engineer specialized in Android developments

<https://www.generomobile.com/>.

- Lead developer of the Genero Android client (since 2014, 2 developers on this project)
- Guarantor of the product quality (Jenkins, Junit, framework Espresso)
- Guarantor of the products integration (Genero Studio, Genero Browser Client, Fglgws)
- Automated tasks by scripts (ruby, python)

Technical stack

Ruby, Android, Java, JavaScript, C++, Unix, Python, Jenkins, Qt

Skills

Ruby · JavaScript · Python · Qt · Jenkins · Java · C++ · Unix · Android · GNU Make · SCons · Python (Programming Language) · Production Deployment · Gradle

Software Engineer at Four J's Development Tools

2012 - 2012

Implementation of a web client and an hybrid application which allow interaction from an Android smartphone with a Genero application (HTML5, JAVASCRIPT, 4GL, JAVA, ANDROID, GENERO)

Software Engineer at Four J's Development Tools

2011 - 2011

LE H BARR

Web application developed for the hotel-restaurant LE H BARR located in BARR.

Technical stack: - Ruby on Rails (5.2.3), AWS S3, AWS SES, PostgreSQL, HamI, Sentry, Sidekiq, Dropzone, jQuery, Paperclip, Devise

2018 - 2018

STAR CRANE

Web application developed for STAR CRANE, a company that buys, sells and rents lifting and handling equipment worldwide. Display and management of available machines.

Technical stack: Ruby on Rails (>6.0), AWS S3, AWS SES, MYSQL, HamI, ActiveAdmin, Sentry, jQuery, ActiveStorage, Devise, Rspec

2018 - 2018

Feasibility study and prototypes creation for the integration of Nokia QT components in the JAVA Framework of the Eclipse IDE. (JAVA, ECLIPSE, C++, QT)



Software Developer at Novelys

2010 - 2010

Web applications developpment with the Ruby On Rails web Framework. Systems administration. (RUBY, ROR, HAML, JS, JQUERY, SASS, EXTREM PROGRAMMING)



Software Developer at GreenIvory

2010 - 2010

Development of a tag cloud generator from semantic documents, agile methods application. (JAVA, LUCENE)



Software Developer at Novelys

2009 - 2009

Web applications developpment with the Ruby On Rails web Framework. Systems administration.

Continuous integration platform establishment, Dieppe city web application development. Systems administration

Training and implementation of the Ruby language and the Ruby on Rails Framework, agile methods application (eXtrem Programming, Scrum) and business platform blogging development participation.

(RUBY, ROR, EXTREM PROGRAMMING)

Recommendations



Olivier de Robert - Freelance CTO - Self Employed

almost 2 years

I highly recommend Pierre as a Ruby Developer. I had the privilege of managing him, and he consistently delivered great results, showcasing a strong expertise in Ruby and software architecture. Pierre is a dedicated and collaborative team player with excellent problem-solving skills, making him an asset to any organization.



Cyril Rohr - Director - Cyril Rohr EIRL

over 2 years

I had the pleasure to hire and work with Pierre while working on Malo. Pierre is a great developer with many areas of expertise: Ruby on Rails / Mobile development (Android & iOS) / DevOps. He was able to quickly take a lot of subjects out of my plate, and perform various migrations (React Native => Turbo Native, AWS => Scalingo) and improvements on our platform, while keeping the systems fully operational. He also has good communication skills and is able to organize, review, and deliver work while working with, and supervising, different team members. And most importantly, he is a nice person to work with, and I would definitely recommend him for any project.



Anthony Tran Van - Développeur React - Octoly

over 3 years

Au-delà de ses compétences techniques, c'est une personne toujours à l'écoute des autres et qui sait se rendre disponible. Passionné par son travail, c'est un développeur qui apporte dans son équipe de belles qualités humaines, en plus de son expertise technique. Travailler avec Pierre a été un plaisir et un honneur, je lui souhaite le meilleur pour la suite !



Pierre Bouas - Lead Product Manager - Lokki

over 3 years

Pierre est une personne proactive qui s'implique réellement dans son travail. C'est un plaisir de travailler avec lui.



Jean-Philippe Schneider - Senior Front-End Developer

almost 4 years

- DataHawk

J'ai pu travailler avec Pierre de 2014 à 2019 sur certains projets transverses à nos produits. C'est un collègue avec qui il est très agréable de travailler, tant sur le plan technique dans le sens où il arrive à s'adapter facilement aux technologies et frameworks qu'il ne maîtrise pas en plus d'exceller dans celles où il est passé maître, que sur le plan humain où Pierre fait preuve d'empathie et de bienveillance sans oublier une touche d'humour.



Olivier Imbert - Senior Technical Project Manager -

almost 6 years

Four Js Development Tools France

Pierre est un développeur efficace et motivé sur lequel j'ai pu compter pour mener à bien de nombreux projets chez FourJs notamment sur la plateforme Android.



Justine Adam - Engineering Manager -

almost 16 years

OpenClassrooms

I managed Pierre during his first training period at Novelys from September to November 2008 and immediately see how fast he can learn new technologies and working methods. Pierre is very motivated in his work and it is a pleasure to work with him.