



# HUMMEL

## Thomas

### ADDRESS

GRENOBLE (ISÈRE)

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### WEBSITE

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### Languages

French (bilingual)

English (technical)

### In a few word...

I am a Ruby developer who continuously strives to deepen and refine my expertise. Pragmatism is one of my core strengths.

As a Bépo and Vim user, I enjoy challenging conventional approaches and adopting new paradigms to improve efficiency and clarity in my work.

My development approach is strongly driven by design patterns, which I consistently apply across my projects.

**My motto: "Never regret anything"**

### Programmation

Ruby on Rails

Ruby

Crystal

HTML/CSS

Javascript

Rust

Docker

Postgresql

### Methods

SOLID

Design Pattern

Hexagonal Architecture

DDD

Composition over Inheritance

### Frameworks

Ruby

Ruby on Rails

## Senior Ruby Lead Developer (Software Engineer Full Stack)

Ruby (Ruby on Rails), Javascript (Hotwire with Stimulus.js and turbo)

**18 years** experience with **14 years** in Ruby on Rails

Driving Licence

41 years old

### Work Experience

**TECH LEAD ENGINEER (FULL REMOTE) | STOCKOSS** (Paris - France) // May 2021 - Today

#### SMS STOCKOSS

<https://stockoss.com>

«SMS» is a logistic platform allowing to manage input and output flows. This software is open to communication via a standard API. My role as a lead dev is to manage projects and developers using agile methods.

**Tech lead position with 4 developers, project management, team management.**

#### Used Technology

- Ruby on Rails 7.0.0
- ActiveJob + Sidekick
- Active Storage (AWS S3)
- Cable + Redis, SASS
- Ui Bibz, Stimulusjs
- Postgresql, Capistrano
- Docker, Traefik

#### Features

- API (standard)
- iPhone connect
- QR code management
- TMS integration
- Warehouses, Orders, Items management
- Docker infrastructure (from scratch)
- Coding via Claude Code
- Domain Driven Design developments (DDD)

**IT ENGINEER (FULL REMOTE) | GENERAL ELECTRIC HEALTHCARE** (Melbourne - Australia) // February 2020 - mars 2021

#### ADMIN CHRONICLE

<https://tinyurl.com/ge-chronicle>

«ADMIN CHRONICLE» software allows to manage every «Chronicle» instances. This application enables an admin user to manage every devices, every data, every users from any «Chronicle» instances.

#### Used Technology

- Ruby on Rails 5.2
- ActiveJob + Sidekick
- CarrierWave
- Cable + Redis, SASS
- Jquery, Octopus
- Postgresql, Docker
- Kubernetes infrastructure

#### Features

- Database Management via Postgresql
- User Management
- Device Management
- Instance Management (Kubernetes)
- Organisation Management

**IT ENGINEER | GENERAL ELECTRIC HEALTHCARE** (Eysins - Suisse) // September 2019 - February 2020

#### CHRONICLE

<https://tinyurl.com/ge-chronicle>

«CHRONICLE» software supports cell therapy manufacturing in a unified digital space with real-time process data, supply chain tracking, electronic batch records and standard operating procedures, automated system alerts, and more!

**Main position and connection point between Eysin's Hardware team (Suisse) and Cambridge's software team (England).**

#### Used Technology

- Ruby on Rails 5.2
- ActiveJob + Sidekick
- ActiveStorage
- Cable + Redis, SASS
- Jquery, Reactjs
- Postgresql, Docker
- Kubernetes, Unit Tests

#### Features

- Connectivity between medical devices and platform through API
- Import/export data from devices
- Management of facilities and alerts in Real time
- Tracking in real Time with Google maps
- Generating of procedures for cell therapy
- SSO connection and users management

**IT ENGINEER | BUREAU VERITAS CODDE** (Grenoble - France) // October 2011 - September 2019

#### MPEL (2021)

"MPEL" is a web platform for rating products for environmental display in a dynamic form. I become software engineer through this project by validation of experience.

#### Used Technology

#### Features

Javascript

Hotwire

Stimulusjs

Turbo

## Softwares

Vim

Git

Claude Code

## Environments

Linux

Mac

## Hobbies

Travel (Australia, Morocco)

Technologies (web, Ai, Robotic)

Music (eclectic)

Movies

Build & Create

- Ruby on Rails 4.2
- HAML, SASS
- CoffeeScript
- Postgresql
- Docker (infrastructure)
- Unit tests (TDD)

- Dynamic forms registered in the database
- Product rating and sharing system

### EIME V6 (2016)

<https://codde.fr/nos-marques/eime>

«EIME v6» is web software allowing to compute the environment impacts, to make life cycle analysis, and to make eco-conception. Once modeling with different life phases done, it's possible to visualize impacts through data tables and graphics.

#### Used Technology

- Ruby on Rails 6
- ActiveJob + Sidekick
- ActiveStorage
- Cable + Redis, Chartjs
- HAML, SASS, Ui Bibz
- CoffeeScript, Stimulusjs
- Postgresql, Docker

#### Features

- Inheritance notion between database on Postgresql
- File browser with tree modeling
- Multi copy/cut/past system
- Drag and drop system
- Real time notifications
- Display results through tables and graphics
- Import/export Excel and PDF

### EDC (2015)

«EDC» is a web platform of data collection allowing to gathered information between a manufacturer and a supplier. Through this app, the manufacturer be able to know the hazardous substances of his product and generate a pdf report.

#### Used Technology

- Ruby on Rails 4.3
- HAML, SASS, Ui Bibz
- CoffeeScript, JQuery
- Postgresql, Docker
- Unit Tests

#### Features

- Creation of Postgres view
- Interactive chat between manufacturers and suppliers
- Graphic Visualization of product tree
- State system of each request
- Right management system
- Dashboard with calendar

### FATHOME - PERSONAL PROJECT (2015)

«Fathome» is a real estate website. It extract the ad from several ads websites which once inserted in the database allows to find ads by itinerary, by duration, by distance or by price.

#### Used Technology

- Ruby on Rails 4.3
- HAML, SASS, Ui Bibz
- Javascript Vanilla
- Postgresql

#### Features

- Scraper for multiple websites
- Google map API integration
- Duration and distance computation
- Browser database (javascript)
- History, bookmark and sharing without sign up

### UI BIBZ (2015)

<https://hummel.link/ui-bibz/index.html>

"Ui Bibz" is an Open Source library allowing the creation of interfaces, sites, and administration through its component system.

#### Used Technology

- Ruby
- HAML, SASS
- JQuery
- Unit tests (TDD)

#### Features

- Inheritance-based and extensible components
- Library composed of Bootstrap and Fontawesome
- No html, css or javascript to write

### OSCAR (2013)

"Oscar" is a web platform for communicating between sales representatives and customers through requests and a request status system.

#### Used Technology

- Ruby on Rails 4.2
- HAML, SASS
- Ui Bibz
- CoffeeScript
- Postgresql
- Docker (infrastructure)

#### Features

- Interactive request forms
- Request status management
- PDF export

- Unit tests (TDD)

## EIME V5 (2011)

Same as EIME v6

### Used Technology

- Ruby on Rails 4.3
- HAML, SASS
- CoffeeScript(EXTJS MVC, highcharts.js)
- PostgreSQL
- Docker (infrastructure)
- Unit tests (TDD)

### Features

- The view part is generated entirely by the Extjs framework in Javascript

**PHP AND DRUPAL DEVELOPER | VISUAL-LINK** (Valence - France) // March 2011 - September 2011

## DRUPAL

Development of 2 showcase websites for TENESOL and PERRAUD Group. REST webservice to connect website with iOS application.

### Used Technology

- PHP
- DRUPAL

### Features

- 2 showcase websites
- A webservice REST to connect the website with an ios application

**FREELANCE COMPANY CREATION | H&J** (Morocco - France) // January 2009 - March 2011

## LOCARABAT

Management of dedicated linux servers, customer management, HTML Trainer, showcase website creation.

### Used Technology

- Ruby on Rails 3.2
- HAML, SASS
- JQuery

### Features

- 1 website whose display changes according to the domain name

## FASTAFFAIR

"FastAffair" is a classified ad website with videos.

### Used Technology

- CakePHP
- JQuery

### Features

- Management of dedicated linux servers
- Customer management, creation of specifications and specifications
- HTML Trainer
- HTML showcase website creation

**MULTIMEDIA DESIGNER | MLM COMMUNICATION AGENCY** (Metz - France) // September 2007 - December 2008

## QUINTESSENCE INTERNATIONAL

<https://www.quintessence-international.fr>

"Quintessence International" is an e-commerce site for dental books.

Creation of showcase websites, Flash banner creation, Dedicated server management.

### Used Technology

- PHP
- Javascript

### Features

- From scratch creation in PHP
- Shopping cart
- Online payment integration
- Admin interface

## Education

**2015 - Bureau Véritas, Moirans, Isère, FRANCE**

Engineer by validation of experience

**2007 - Nancy-Metz University, Verdun, Lorraine, FRANCE**

Advanced Diploma in Communications Services and Networks

**2003 - Vauban High School, Verdun, Lorraine, FRANCE**

Senior Secondary Certificate in Electrical Engineering