HUMMEL Thomas

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Portfolio

SCAN ME

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

Senior Ruby Lead Developer (Software Engineer Full Stack)

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

19 years experience with **17 years** in Ruby on Rails

Driving Licence

42 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

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

Javascript

Hotwire

Stimulusjs

Turbo

Softwares

Vim

Git

Claude Code

Environments

Linux

Mac

Hobbies

Travel (Australia, Morocco)

Technologies (web, Ai, Robotic)

Music (eclectic)

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

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

Features

- 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 differents 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
- CoffeScript, Stimulusjs

Features

- Inheritance notion between database on Postgresql
- File browser with tree modeling
- Multi copy/cut/past system
- Drag and drop system
- Real time notifications

- Postgresql, Docker

- 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

- Scrapper 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

Features

- Interactive request forms

- HAML, SASS
- Ui Bibz
- CoffeeScript
- Postgresql
- Docker (infrastructure)
- Unit tests (TDD)

- Request status management
- PDF export

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 shocase 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
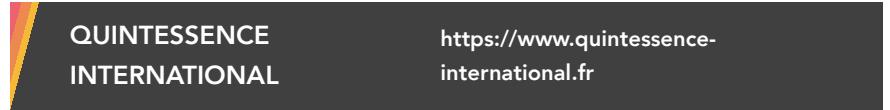
"FastAffair" is a classified ad website with videos.

Used Technology

Features

- CakePHP
- Jquery

- Management of dedicated linux servers
- Customer management, creation of specifications and specifications
- HMTL 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