



Juan José Cermeño Portet

Ruby On Rails Backend Developer



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[LinkedIn](#)

ABOUT ME

Extremely curious Telecommunications Engineer and Software developer human being, always working on/learning something new. I'm not afraid of failing but not doing it. I really enjoy programming, developing new software from others and build my own. I love science-fiction books and movies and motorcycles.

Ruby on Rails lover (intranet web applications and cloud web applications), full stack but backend oriented lately. I work with Rspec, Sidekiq, AWS ELB, Heroku, Redis, PostgreSQL, MongoDB, Postman. Tireless learner.

LANGUAGES

English (Very good command)
Spanish (native speaker)
Catalan (highly proficient)

HOBBIES

Reading Science Fiction Books I
Watching movies I Motorcycles
Aikido I Sports I Self-Defence

EDUCATION

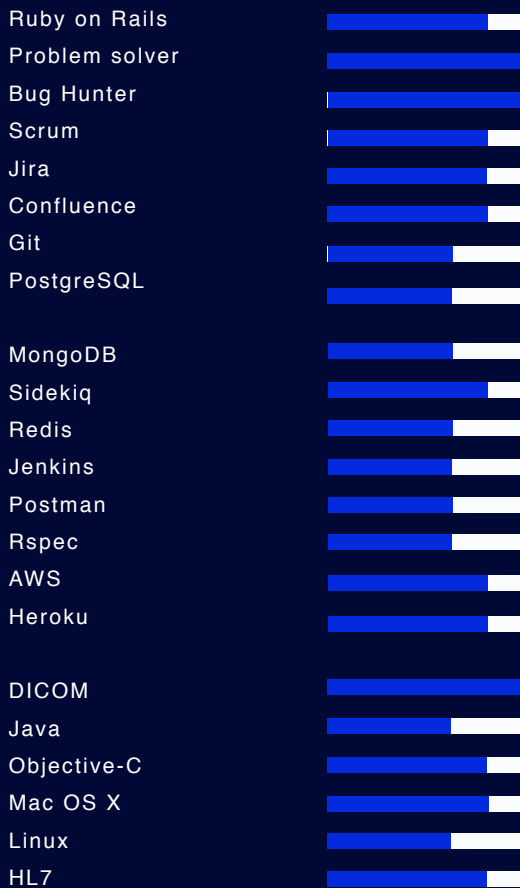
1995-2002 **Master's Degree**
Universidad Politécnica de Valencia.
Telecommunication Engineering. Telematics specialist.

EXPERIENCE

2017 - **Ruby on Rails Backend Developer**
Esoft (www.esoft.com, Denmark)
API Ruby on Rails back end developer at Barcelona.
Continuous delivery and deployment fan, some DevOps tasks, issue solver and bug hunter.
Technologies used:
-Sidekiq, Redis, MongoDB, AWS (S3, EC2, ELB, CloudFront), Jira, Confluence, BitBucket, git, rspec, Postman, Jenkins.

2015 - 2017 **Medical Imaging Division Manager**
Alfatec Sistemas
Responsible of developing projects in Medical Imaging Division of the company.
Manage projects including requirement assessment, analysis, design, implementation, maintenance and technical support.
Provide tailored proposal and technical documentation to customers and potentials.
And I was coding at the same so we can offer one of the fastest responses in the market. Developers were very close here to customers.
-Ruby on Rails, Jira, Confluence, Redmine.

SKILLS



2010 - 2017

Software engineer and co-founder

Turyon Projects

Consulting and development services relative to medical imaging management, DICOM, OsiriX, DCM4CHEE, PACS, RIS, HIS, remote viewers, DICOM Modality Worklist, EHR/EMR, Application development for iPhone/iPad/Mac and Cloud Platforms.

Here I created HoruX Mac application and web medical management service Cobalt.

Mac OS X, Cocoa, Objective-C, Filemaker, Java, DICOM, Ruby on Rails, AWS (EC2, S3), PostgreSQL.

2012 - 2018

Software engineer and co-founder

SIMA (Sistemas de Imagen Médica Avazanda)

Design, implementation (development and programming) of advanced systems for medical imaging. Our best known product is the medical imaging platform on the cloud <https://www.mednimbus.com>

Technologies:

-Ruby on Rails, Heroku, AWS S3.

2006 - 2009

Software engineer

Kaneron Systems

Software developer. Technologies used:

-DICOM/Worklist/RIS/HIS/PACS/Viewer applications developer, Mac OS X, Java, Filemaker.

2005 - 2006

Machine Vision Software Engineer

AIDO

Software development in machine vision.

System integration, software and hardware (cameras, robots...).

Tech: C++.

2001 - 2005

Software Developer

Telefonica R&D and UPV

Software development for multimedia systems.

Expertise in Java applications and Real-time protocols (RTP/RTCP, SIP...)

A Youtube-like Java-based environment was programmed by our team. Year 2001. In Java, no flash, with MPEG4 support.

Product oriented to remote teaching. I create the authoring tools to be used in the platform.

Tech used: Java.

PUBLICATIONS

2003

ICME. Baltimore, USA

A multimedia Telemedicine system to assess musculoskeletal disorders.

2002

Euromicro Conference

Dortmund, Germany.

MFMod: a new system for media on demand presentations.

Java based web streaming video platform.

COURSES (Professional)

2018

Big Data (80h)

COIT

Business strategy and Data Science Fundamentals

2019

Learning Angular (30h)

Udemy

Learning Angular for web frontend and build reactive web apps

2019

Learning Unity 2D & 3D (35h)

Udemy

Learn Unity game design & 2D & 3D game development & make my own C# games in Unity 3D

SOFTWARE PROJECTS/PRODUCTS

2010 - 2011

Mac OS X Medical Management application

Turyon Projects

Mac OS X Medical Management desktop application with PostgreSQL database server. I developed it as a Radiologic Information System (RIS) compatible with DICOM servers (know as PACS) and integrated with OsiriX (DICOM Medical Image Viewer). Codename: HoruX.

2012 - 2017

Web Medical Practice Management System

Turyon Projects

Developed using Ruby on Rails, I managed to create a medical management web application deployable locally or on the cloud from any vendor. The software was able to manage doctor's appointments, patients medical records, invoices, treatments, medications and it had a dashboard for showing center performance. Codename: Cobalt

2012

Medical Image Cloud storage and tele-radiology service

SIMA

Service is still running. I developed it using Ruby on Rails, a medical image and medical reporting web application with cloud storage (AWS S3). The software is able to send images using cyphered communications and are sent to cloud after an anonymization process.

Service is considered a secured tele-radiology system. Still in use: <http://www.mednimbus.com> and <https://www.dicom-seram.com>

2019

Contadito. Home finance web application

Side project

Product is under development, initial stages.

I am currently using Ruby on Rails for API and backend server and Angular for frontend for a new home finance system, very easy to use able to provide a useful dashboard to users about their finances and powerful reports based on ratios and KPI so users can take decisions about what need to change to achieve financial freedom.