JESUS BURGOS MACIA

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EXPERIENCE

Visrez Ltd. August 2007 - Present
Software Engineer *Dublin, Ireland*

— Built a new product named *Floorplan Builder*, this is a 3D editor implemented with **Three.js** and **Vue.js**. It allows hoteliers and event planners to make visualizations of their event spaces and customize the room layout for different events such as weddings or conferences.

Lead the whole process of product development from inception to even onboarding of the first few clients. Taking decisions on development tools, software architecture, deployment, etc.

This project is currently helping transition the business model of the entire company so it can rely on recurring revenue rather than constant seeking of sales.

— Built the internal project management tool that is used by 3D artists and clients from order placement to final payment. It's a **Ruby on Rails** application and it's hosted on **AWS**.

This started out as a small web application to help taking payments but soon expanded and became an essential tool to keep track of the status on every project, improving client perception of the product and accidentally discovering ways to improve production processes.

— Maintained several web booking engines for hotels.

The main challenges of this project were to maximize service availability and integrate with the property management software at the hotel premises.

I reduced the response times of the search results page. I achieved this by making measurements to find bottlenecks and implemented solutions to improve them. Some of these solutions involved caching or parallelization.

Recurse Center May 2019 - August 2019
Participant *Brooklyn, NY*

— Contributed to several open-source projects, most notably to **Puma** web server.

On Puma, I got 9 patches committed into master, including some critical bug fixes. I also made a lot of progress to support support WebSockets natively. This is currently under code review and pending for merge.

Códice, learning academy July 2015 - June 2016
Teacher *Elche, Spain*

— Taught **C** to college students who were new to programming.

AUTHORED OPEN-SOURCE PROJECTS

DropboxApi https://github.com/Jesus/dropbox_api
Ruby gem

Featured in Dropbox's list of Community SDK's. This is currently the most popular Ruby implementation for this API.

Gnetic http://gnetic.nongnu.org
C program, heavy use of GNU libc

GPL Project for security backups. It was an open-source clone of Norton Ghost.

EDUCATION

Miguel Hernandez University September 2014 - June 2015
Master in Business Administration

University of Alicante September 2010 - July 2013
Computer Science & Engineering Best average mark of promotion