Roger Vilà

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SUMMARY

As a Senior Backend Developer with over 10 years of experience, I have demonstrated expertise in building robust and scalable backend systems for a variety of web applications. My expertise lies in developing RESTful APIs, and database design, as well as integrating third-party services and libraries.

EXPERIENCE

Senior Backend Developer
Convelio   **May 2022 - Present, Île-de-France, France**
· Develop and maintain scalable and secure PHP-based APIs.
· Collaborate with frontend developers to design and implement our API.
· Optimize API performance and ensure uptime. 99% SLA guaranteed.
· Continuously improve the quality and maintainability of the codebase, including following best practices for code quality and testing.
· Refactor legacy code to increase security and performance. Deleted more than 10k LOC. Improved API response time by 25% and decreased latency by 43% by implementing caching solutions using redis and increasing the number of nodes in the cluster.

Senior Programming Analyst
K-LAGAN   **August 2017 - May 2022, Barcelona, Spain**
· Leverage different project functionalities across shared micro-services based on Docker. with more than 10 services implemented.
· Use Laravel for API integrations and background tasks, and Python for data processing and RPA tools.
· Tech lead across remote teams from different world locations, including Asia and Europe.
· Ensure code quality and functionality integration. by reaching 80% coverage on SonarQube.

Full Stack Developer
HEALTH DATALINE EUROPE SA   **March 2017 - August 2017, Barcelona, Spain**
· Adapt eCommerce websites creating new front-end versions for specific devices with Onsen UI. More than 10 client websites migrated.
· Create internal APIs to retrieve data from different data sources on the backend.
· Maintain and apply SEO to toopharm.com and healthdataline.com websites, increasing by 1% of new visits every month.

Software Developer
Emotion Experience   **November 2016 - February 2017, Barcelona, Spain**
· Develop 1 interactive space where the public can interact with the GFT brand directly.
· Create 1 specific software for each action, working with LED displays and interactive panels.
· Develop software for a specific setup for GFT called "GFT Lab" (https://www.lightsoundgroup.com/portfolio/gft-lab/).

Web Developer
(caravelo (**November 2015 - November 2016, Barcelona, Spain**
· Develop a product for Volaris Airline company called "Volado Volaris", which offered cheap trips with few hours in advance for planes with empty seats. First released after 1 month.
· Maintain product websites for Airline companies.
· Implement a design system to easily integrate new Airline companies into our products. 2 new airlines used it.

CEO & Co-Founder
SeeDoCare   **October 2015 - August 2017, Barcelona, Spain**
· Develop web applications tailored to our client's needs. 3 clients in the first year.
· Implement custom eCommerce, SaaS, and CMS solutions. 20% cost reduction compared to other B2B platforms.
· Integrate additional services: SEO, Brand design, and Marketing solutions.

Web Developer
SIQUR S.P.A.   **April 2015 - November 2015, Padova, Italy**
· Develop the Spanish version of the eCommerce website. 1-10 monthly products sold in the first year.
· Develop a WordPress blog as part of the marketing strategy. 1-2 posts every month by external collaborators.
· I also managed video editing, blog writing, SEO, analytics, and marketing campaigns.

Web Development Instructor
Centro Informática Profesional CIPSA   **October 2014 - April 2015, Barcelona, Spain**
· Hired as an instructor after finishing the Full Stack Web Design and Programming Master. More than 50 students in 1 year.
· Guide my students to grow up as developers, starting with a very simple HTML landing page and finishing the course with a big full-stack project.
· More than 50% of students found a job after finishing the course.

Web Developer

Mediterrani Food   **May 2013 - June 2014, Barcelona, Spain**

· Develop and maintain 1 WordPress site.
· Blog writing, video editing, Community management, and SEO. More than 10 new clients thanks to that content.
· Apply the brand design to the website, reports, and communications.

PROJECTS

GFT Lab
Emotion Experience · November 2016 - January 2017
· Develop 1 interactive space where the public can interact with the GFT brand.
· Develop 1 specific software for a specific setup for GFT called "GFT Lab" (https://www.lightsoundgroup.com/portfolio/gft-lab/).
· Maintain and control the interaction during live demos.

EDUCATION

Master's degree, Web Development Master
CIPSA Barcelona · Comte d'Urgell, 100. 08011. Barcelona. · 2014

Bachelor of Arts (B.A.), Music Theory and Composition
Conservatori Liceu · Carrer Nou de la Rambla, 88, 08001 Barcelona · 2014

Bachelor of Arts (B.A.), Composition
Sibelius-Akatemia - Sibelius-Akademin · Pohjoinen Rautatiekatu 9, 00100 Helsinki, Finlandia · 2013

Associate's degree, Music Performance, General
Conservatori Liceu · Carrer Nou de la Rambla, 88, 08001 Barcelona · 2010

COURSEWORK

Web development Course
CIPSA.net, Barcelona. · 2012 · Website development
Learn HTML5, CSS, JavaScript, PHP and MySQL.

INVOLVEMENT

Volunteer
HP, Barcelona · HP · May 2019 - June 2019
· Help with the organization of the HP Charity day (hpcharityday.com). More than 100 people joined.
· Help disabled people to participate in the activities.
· Look after the activity material and help to store it properly after the event. More than 10 activities prepared.

Volunteer Staff
K-LAGAN, Barcelona · K-LAGAN · September 2018 - Present
· Participate in a social event prepared for kids with social problems. More than 20 kids participated (https://www.k-lagan.com/semana-solidaria-k-lagan/).
· Look after kids while participating in the activities. More than 10 activities prepared.
· Look after the activity material and help to store it properly after the event.

Volunteer Staff
K-LAGAN, Barcelona · K-LAGAN · September 2017 - Present
· Participate in a social event prepared to fight against climate change. More than 50 people participated (https://www.k-lagan.com/nuestra-responsabilidad-medioambiente/).
· Look after people while participating in the activities. More than 10 activities prepared.
· Look after the activity material and help to store it properly after the event.

SKILLS

Technical Skills: PHP, Laravel, Symfony, HTML, CSS, Javascript, React, React Native, Vuejs, Node Js, Sass, Jest, Behat, Gherkin, Selenium, Mysql, Postgresql, Mongodb, Neo4j, Jekyll, TailwindCSS, Bootstrap, Python, Flask, API Development, Microservices

Other: SuperCollider, Arduino

Languages: Catalan, Spanish, English