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Jesús Leganés-Combarro

Vocational computers engineer with experience from research and low-level operating system design, up to web backend and scripting
Interested on systems programming, high-edge technologies, new specifications, innovative products, and design of intuitive APIs
Proud advocate of free software and good practices

Online profiles	Personal web	https://piranna.github.io
	GitHub	https://github.com/piranna
	LinkedIn	https://www.linkedin.com/in/piranna
	StackOverflow	https://stackoverflow.com/users/586382/piranna

Formal academic training	May 2016	Rey Juan Carlos University	Móstoles (Spain)
	Computer Engineer diploma <ul style="list-style-type: none">Thesis: "NodeOS, lightweight operating system for Node.js" (graduated with distinction)http://node-os.com, https://github.com/NodeOS/NodeOS		

Achievements	<i>Honorable mention for PirannaFS, V CUSL (Spain Free Software University Championship) 2011</i> <i>Membership grant for 3DS (3 Days Start-up) program 2012</i> Finalist of the OpenITP first Grant Proposal 2013, candidate of Mozilla WebFWD 2013 and winner of <i>Most Innovative Project</i> award at VII CUSL 2013 for ShareIt! Winner in <i>Systems</i> category for NodeOS , IX CUSL 2015 <i>Final stage (in-site interviews) for Google at Zurich (2018) and Amazon AWS at Dublin (2019)</i>
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Highlighted jobs and projects	December 2019 – Currently	BotXO	Alcorcón (Spain)
	Tech Lead backend - DevOps <ul style="list-style-type: none">Split monolith architecture to multi-servers to improve performanceDesign and develop fully automated CI/CD pipelines from push validation to deployDesign and develop local E2E development environment replicating cloud servers <i>Python, Django, AWS, Azure DevOps, ChatBots, PyTest, Docker</i>		
	September – Nov. 2019	Bpost	Brussels (Belgium)
	Node.js expert & Best practices counselor (contractor) <ul style="list-style-type: none">Control quality of source code, and formation about Node.js projects best practices <i>Node.js, Express, MongoDB, DialogFlow, ChatBots, Jest, Docker, Google Cloud</i>		
	January – August 2019	lingbe - iTalki	Madrid (Spain)
	CTO, Lead Architect & Tech lead <ul style="list-style-type: none">Design architecture and full stack refactor for 2.0 versionhttp://www.lingbe.com, https://www.italki.com <i>ReactNative, Node.js, Express, MongoDB, XMPP, AWS</i>		
	March 2017 – Nov. 2018	UnifyMe	Barcelona (Spain)
	CTO, Lead Architect & Co-founder <ul style="list-style-type: none">Design architecture of uCaaS platform <i>ReactNative, Node.js, Express, MongoDB, PostgreSQL, GraphQL</i>		

March 2016 – March 2017 *Rey Juan Carlos University* Móstoles (Spain)

PhD. candidate in Computer Science (dropout)

- “Visualization methods and techniques applied to co-focal microscopy neurological images”
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July 2013 – June 2015 *Kurento - Twilio*

Fuenlabrada (Spain)

Technical assistance - Researcher

- Design of WebRTC APIs for Javascript, Node.js and HTML5
 - Company acquired by **Twilio**
 - <https://www.kurento.org>, <https://github.com/Kurento/kurento-client-js>
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More detailed job experience dated back up to 2004 is available at my [LinkedIn](#) profile

Main contractor projects
(since 2012)

May – July 2020

Veideo.me (remote)

Mainz (Germany)

WebRTC Expert

- Bussines oriented desktop and mobile videoconference application using Vue.js and Kurento
 - Full refactoring and upgrade of *kurento-utils* library, and contributions to other Open Source projects
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May – July 2019

Wasmer (remote)

San Francisco (United States)

Senior developer

- Port open source C/C++ and Rust applications to WebAssembly architecture
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Nov. 2018 – March 2019

Ventrata (remote)

Brno (Czech Republic)

Embedded engineer

- Add support to *node-canvas* Node.js module for direct access to the Linux framebuffer FbDev device
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July – Nov. 2018

Takeafile - Tyrís

Valencia (Spain)

Lead developer

- Design of Open Source high performance Node.js streams-oriented file transfer protocol
 - <https://takeafile.com>, <https://github.com/Takeafile>
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May 2017 – Nov. 2018

Quantum BA - Foqum

Madrid (Spain)

Senior developer - Open Source evangelist

- Django, React and React Native architect
 - <https://www.sonneil.com>, <https://play.google.com/store/apps/details?id=com.flowtag>
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May – August 2018

forMarketer

Valencia (Spain)

Lead developer - Node.js and React architect

July 2017 – January 2018

Qvantel

Madrid (Spain)

Senior developer - Django and Node.js expert

January – June 2017

Meniga / Caixabank (remote)

Reykjavic (Iceland)

Senior lead developer - team manager

Python, web scraping

December 2015 – Dec. 2016 *Telefónica I+D*

Madrid (Spain)

Node.js expert & C++ Senior developer

- Design of IoT APIs for Node.js, cloud storage & Movistar+ Video on-demand CDN
 - <https://github.com/ContextBroker>
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July – December 2015	<i>Telepado (remote)</i>	Dubai (United Arab Emirates)
Node.js expert - Senior WebRTC specialist		
▪ https://telepado.com		

Dec 2012 – October 2013	<i>eFace2Face (remote)</i>	Florida (United States)
Programmer engineer - Senior WebRTC specialist		
