Julio César Arellano
Software Developer

Electronics and Telecommunication Engineer with over a decade of experience in both in SW & HW design, blending expertise in QA, test automation, and project management with a passion for continuous technological learning.

Contact information

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Certificates

- AWS CCP
- Google Analytics
- ISTQB
- PSPO

Patents

- Fire protection system

Interests

Cloud, Kubernetes, Linux, LlamaIndex, Python, Test Automation, Full Stack Development

Languages

Spanish: Native

English: Proficient

German: Intermediate

Catalan: Intermediate

Games

Android games (2018): Bounce of the Dead. Available on the Google Play Store.

Recent work experience

07/2022 - Present   **Senior Software Development Engineer in Test**

Onna (Barcelona, Spain)

Tools: Angular, Cypress, Docker, Javascript, Jenkins, Kubernetes, Postman, Python, Robot Framework.

- Test plan design & automation.
- Implemented test automation using Cypress & Jenkins, leading to a 50% reduction in regression testing time.

06/2021 - 07/2022   **SW Engineer in Test**

Wallbox (Barcelona, Spain)

Tools: Appium, AWS, Bash, Python, Postman, Robot Framework, Selenium.

- Enhanced test automation coverage by over 50% for both web and mobile applications.

09/2020 - 06/2021   **Program Manager**

Carrier Fire & Security (Barcelona, Spain)

Tools: Microsoft Project.

- Successfully steered 5 engineering projects, maintaining project delivery time while staying under budget.

05/2018 - 09/2020   **QA Lead / Product Owner**

Carrier Fire & Security (Barcelona, Spain)

Tools: Appium, AWS, Jira, Selenium.

- Manage a team of testers in Spain, China and India.
- Feature backlog maintenance and prioritization for digital products.
- Achieved 100% automated test coverage for our team's product line.

07/2015 - 05/2018   **Test Development Engineer**

Ficosa (Barcelona, Spain)

Tools: .Net, C#, Jira, Test Stand.

- Design of EOL test stations for automotive products.
- Developed a novel automated RF test station, increasing productivity by 40%.

Education

05/2021 - 05/2022   **Degree in Digital Product Management**

IEBS Business School (Barcelona, Spain)

09/2014 - 09/2017   **Master's Degree in Telecommunications Engineering**

Universitat Autónoma de Barcelona (Barcelona, Spain)

09/2005 - 12/2011   **Electronic Engineering (Honors Degree)**

Universidad Simón Bolívar (Caracas, Venezuela)