

Frank Romaña Hernández

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WORK EXPERIENCE

24i **Madrid, Spain**
Front-End Developer *November 2019 - December 2023*

- Developed streaming applications for Smart TVs, ensuring compatibility with Samsung Tizen, LG WebOS, Android TV, and hospitality versions, enabling a 10x user growth, surpassing 125,000 users.
- Collaborated closely with product owners, designers, and QAs to transform and improve interfaces and reusable components, ensuring a consistent user experience adaptable to various use cases.
- Integrated multiple web players (Shaka Player, DashJS) and DRM solutions (Widevine, PlayReady), reducing initial load times by up to 50% and expanding compatibility with more devices.
- Implemented strategic solutions, such as dynamically enabling and disabling content, avoiding production deployments, and ensuring flexibility during key TV events like the Champions League and the Olympics.

Nokia TECSS **Madrid, Spain**
Front-End Developer *January 2014 - November 2019*

- Contributed to the development of a video streaming web application that reached over 3 million users across multiple TV platforms, implementing new features, optimizing performance, and improving the UI for a better user experience.
- Integrated a front-end application on LG WebOS Smart TVs as a proof of concept, achieving high technical compliance and ensuring readiness for potential future development.
- Developed the main interface of a video call web application, enabling direct call functionality to and from TVs, demonstrating potential improvements in the platform's video service offerings.
- Implemented over 85% unit test coverage, improving code reliability and reducing errors.

LEADERSHIP EXPERIENCE

24i **Madrid, Spain**
Team Leader *February 2022 - February 2023*

- Managed team capacity, facilitated daily standups, retrospectives, and performance reviews, optimizing resources to ensure timely deliveries and promote continuous improvement.
- Created technical documentation and usage guides for the technologies used in development, streamlining the onboarding of new developers and QAs, improving their efficiency by 80%.
- Improved sprint planning processes through detailed reports in Confluence, stabilizing workload distribution and reducing planning time by 40%.

SKILLS

JavaScript (ES5/ES6+) | HTML | CSS | SCSS/SASS | TypeScript | React.js | Node.js | Express | Astro | Tailwind CSS | Webpack | Vite | jQuery | SQL | MongoDB | Jasmine | Version Control (Git/GitHub/SVN) | Jenkins | Travis CI | REST APIs | Arris STB | WebOS | Tizen | Chromecast | AndroidTV | FireTV | Shaka Player | Dash.js | OTT | IPTV | DRM (Widevine, PlayReady) | Smooth Streaming | DASH | HLS | UI/UX (Figma, Abstract) | SCRUM | **Idiomas:** Spanish (native) | English (advanced C1/C2)

EDUCATION

Universidad Europea de Madrid **Madrid, Spain**
Computer Engineering

Universidad Tecnológica Centroamericana **Tegucigalpa, Honduras**
Computer Engineering