

Education

Zaragoza, Spain	University of CESTE / Wales Trinity Saint David	Sep 2018 – Jun 2022
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- Bachelor of Science in Computer Science (Honours)

Employment

Angular Developer	Inycom - Zaragoza, Spain	Sep 2020 – Present
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- Migrated an application developed in PolymerJS into an Angular application, went through all the legacy code, and migrated it taking both design and architectural decisions along the way.
- Created an intuitive CSS rule system for an Angular application so that my teammates could implement any component without the need to know any CSS while keeping the application's identity.
- In charge of several critical production bugs in a 2year Angular project where I developed refactored solutions and implemented them throughout the project.
- Handled production bugs and revisions in PHP services using Azure Boards to prioritize requirements.
- Involved in project planning gathering requirements following an Agile/Scrum approach

Projects

F1Diff, Formula 1 race visualization tool that lets you relive any race in just seconds. (Angular 13)

code: <https://github.com/migueliranzo/mikeBugs> live at: <https://migueliranzo.github.io/F1Diff/>

- Developed an engaging landing page using a 3D globe to display F1 races dynamically.
- Created a unique race-chart system that lets you visualize the time gaps between the pilots in any F1 race, built on top of a lap time to percentage system developed from the ground up.
- Worked with a public API to retrieve all the data needed for the race-chart calculations.
- Extensive focus on the UI/UX, with a product-oriented mindset, edge cases, data unavailability...
- Researched many libraries documentation in order to bend them to the application needs.

MKbug tracker, Bug tracker web application, with a minimalistic approach (Angular 14)

code: <https://github.com/migueliranzo/F1Diff> live at: <https://mike-bugs.web.app/>

- Used TailWind CSS to style the whole site alongside angular material, creating a 100% mobile-ready responsive website.
- Developed with a reactive programming approach, following the stateless observable service design pattern, using various RxJs operators to modify, create and combine the data streams to the application needs.
- Implemented Cloud Firestore as the application backend, designed a thought-out NoSQL collection-document structure to store the application data and integrated firebase authentication.

Technical Skills

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- Languages: JavaScript, TypeScript, HTML/CSS, PHP, Java, SQL, PostgreSQL.
 - Frameworks and Libraries: Angular, RxJs, Tailwind CSS, Bootstrap, Sass, jQuery, Express.js, Node.js, Laravel/Lumen.
 - Tools: Git, Linux, Docker, Figma, Azure, Firebase.