



# HERIBERTO FIGUEROA MICHEL

## SOFTWARE ENGINEER

COLIMA, MEXICO

### CONTACT

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cubo.dev

### SKILLS

#### Coding Languages

- JavaScript
- CSS
- HTML
- Ruby
- TypeScript

#### Technologies and Tools

- React.js
- Vue.js
- React Context
- Redux
- Sass | Styled Components
- Bootstrap
- Buefy
- Firebase
- Git
- GitHub | GitLab | Bitbucket
- Formik
- React Flow
- Leaflet
- Jira
- vite
- Playwright

### SOFT SKILLS

- Autodidact
- Creativity
- Teamwork
- Collaboration
- Work Ethic
- Empathy
- Leadership

### LANGUAGES

- Spanish
- English (B1)

### EDUCATION

Universidad de Colima.  
Facultad de Telematica | 2018 - 2022

### WORK EXPERIENCE

#### ARKON DATA | FRONT-END DEVELOPMENT | FEB. 2024 - CURRENTLY

- Responsible for the design and development of frontend solutions focused on data manipulation and visualization, including interactive flow diagrams, dynamic forms, analytical dashboards and charts, with real-time communication via **WebSockets** and **Server-Sent Events (SSE)**. Collaborative development with the **UX/UI** team.
- Served as **technical lead** of a small team of developers in **migrating** a platform used by major national companies for process analysis, from a legacy monorepo architecture to a **microfrontend** structure, splitting core functionalities into independent repositories to improve system scalability and maintainability.
- Independently developed the entire frontend of an **AI platform**, also built on a microfrontend architecture, which integrated:
  - User and resource administration and management.
  - Real-time chat with an **LLM**.
  - Governance visualization.
- Additionally, developed the backoffice for said platform to monitor its operational metrics (active users, queried services and **E2E test reports**), using **React Router** with server-side logic (loaders/actions) and Azure integration to ensure robust, real-time data analysis.

#### HOSPITALES MAC | FRONT-END DEVELOPMENT | AUG. 2023 - FEB. 2024

- I am responsible for designing, developing, maintaining, and refactoring various components, including complete sophisticated forms. To do this, I integrate advanced technologies such as the **React.js** library, **Redux**, **Material UI**, among other technologies from the React ecosystem.
- I apply my skills in **UI/UX** to create user interfaces that are visually attractive, highly functional, and specifically adapted to the needs of the hospital system.
- I manage various databases using technologies like **DBeaver** and **PostgreSQL**. My approach ensures that the information is accurate, accessible, and secure.

#### TRANSCOL | JUNE 2022

- Application focused on the virtualization of public transport routes in real time for the state of colima. Refactoring of Next.js code and implementation of new functionality focused on the use of requests to websockets.
- Use of the **React Leaflet** for the implementation of interactive maps.

#### HMH SISTEMAS | FRONT-END DEVELOPMENT | JAN. 2022 - AUG. 2023

- Use of **Vue.js** and **React.js** for the development and refactoring of projects.
- Refactoring of the main HMH landing page.
- Skills such as the use of good practices, detection and resolution of errors, team collaboration and project leadership were strengthened.

#### WANABANA.IO | LANDING PAGE | NOV. 2020 - NOV. 2021

- Component development using React.js and Sass.
- Development of react.js components.
- Building responsive web design with bootstrap.
- Using react.js for data management in firebase.