

ISMAEL ROMERO ORTEGA

[in LinkedIn](#) | [+34 601 28 62 61](#) | ismael-romero.com | [✉ ismaromeroortega@gmail.com](mailto:ismaromeroortega@gmail.com) | [GitHub](#)

Skills

- TypeScript | JavaScript | HTML | CSS | Python | C | C++ | Node.js | PostgreSQL | Angular | React | Vue | Next.js | Flask
- Vite | RxJS | Redux | Vuex | TailwindCSS | Bootstrap | Pytest | Jasmine | Cypress
- PostgreSQL | Firebase | Docker | Google Cloud
- Frontend | Backend | Full-Stack | Software Developer | Spanish, English – *Professional efficiency*

Experience

Principal Full-Stack Developer

BBVA
(Hasten-Accenture)

Madrid, Spain(Remote)

04/2024 - present.

- Leading BBVA's main tool to internally organize CRM teams throughout Spain, allowing to launch all BBVA Spain Campaigns and Communications thanks to the platform. ~350 campaigns and ~700 communications per month.
- A SaaS that allows the organization through tasks to teams with different roles to organize all BBVA communications and campaigns (Email, SMS, Mailing...).
- Solo-Developer responsible for the Front with Vue.js and Vuex. Back with Python and Flask. Testing with Pytest. And deploying everything with Google Cloud, doing automated builds with Jenkins, SonarQube....

Front-End Developer & Founding Partner

Climind

Madrid, Spain(Remote)

03/2024 - present.

- Cloud platform for monitoring the work environment, pulse and psychosocial risk in real time.
- Developing the new version of the platform from 0 with a team of 4 developers (2 on the front, 2 on the back) using agile methodologies, using React with Next.js and TailwindCSS, with NextUI and Shadcn design libraries on the front. And in the back Nestjs with Prisma, Postgres, etc.

Full-Stack & Cloud Developer

Kinesso
(IPG Mediabrands)

Madrid, Spain

08/2023 - 03/2024

- I led the creation of customized technology solutions to meet the specific needs of renowned clients, including J&J, Repsol, Real Madrid, Dyson and Legálitas.
- Script automations with JavaScript and Python for analysis and reporting optimizing 200% the SEO team processes.
- Creation and implementation of architectures for the analysis of statistics and visualizations in dashboards such as Looker Studio and AppSheet.

Projects

- Webservey**: My own HTTP server in C++ that allows to simulate in a basic way NGINX with configuration files, handling many events at the same time managing sockets and TCP requests through epoll. It allows GET, POST, UPDATE and CGI scripts.
- Inception**: Orchestration of a secure system architecture using Docker, with volume management, Docker networking and TLS encryption. Hosts several services, such as NGINX, WordPress, MariaDB, Redis, FTP server (vsftpd), Adminer, Watchtower and a simple static web with Express.js.
- SEOBoost**: I led and created a SaaS in Kinesso for SEO made from scratch with Next.js, React, TypeScript, TailwindCSS, Node and Express, and deployed on Google Cloud to provide internal support to Kinesso's team of specialists.
- Holistic**: I led the development of a platform in Kinesso for the analysis of PPC and organic SEO campaigns, focused on optimizing performance and achieving a cost reduction of over 30%.
- Cub3d**: A 3d game developed with the Ray casting rendering technique and the minilibx in C.
- Minishell**: A Unix shell (simulating Bash) from 0 in C, supporting redirects, pipes, environment variables, builtins...
- Philosophers**: The typical philosophers' dinner problem, to learn mutexes and threads in C.
- Push swap**: A sorting algorithm with a limited instruction set, using as few moves as possible in C.

Education

Computer Programming

42Madrid (Telefónica)

Madrid, Spain

07/2022 - present.

- Self-taught / without teachers / peer to peer methodology

Marketing and Advertising

ITEP

Madrid, Spain

10/2020 - 06/2022

- Higher Grade. 9.5/10

Bachelor of Science

IES Rayuela

Madrid, Spain

09/2018 - 06/2020