

Juan Ramon Espinosa Lopez

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Senior software developer with critical thinking, decision-making and problem solving skills.

Areas of knowledge

- Good technical background managing REST APIs with **Typescript/Javascript, Node.js, Express**
- Great understanding of frontend technologies such as **React, Next.js, Vite, CSS**
- Expertise in diverse testing frameworks like **Jest, Vitest, Cypress**
- Experience with cloud providers like **Amazon Web Services**
- Competent in linux containers with **Docker**

Professional Experience

◦ Full-stack Developer at [TTT Studios](#) (2022 - Today)

Building and maintaining web apps made with Node.js and containerizing them with Docker. Helping with CI/CD pipelines for automated testing and deployments. Mentoring junior developers to enhance team skills. Some relevant projects include:

Wheaton Precious Metals

- Setup front-end codebase with **Vite, Typescript** and **React**.
- Implemented data-visualization components made with **D3** and **Visx**.
- Helped implementing CI/CD pipelines in **Azure DevOps** to automatically build, test and deploy the dockerized application to multiple environments.
- Contributed to the **Express**-based REST API adding new endpoints and fixing bugs.

Paladin

- Setup front-end codebase with **Vite, Javascript** and **React**. Implemented a Geographic Information System to dynamically display security risks in major cities of North America in real-time.
- Aided in configuring and integrating several **Amazon Web Services** such as **Cloudfront, S3, Cognito, Lambda** and **Gateway**.
- Conducted extensive testing to identify and fix bugs which eventually led to the creation of a new open source [library](#), ensuring a robust and high-quality application.

Purecount

- Implemented a warehouse management system to optimize inventory tracking and logistics with **React** and **Express**.

◦ Front-end Developer at [DaCodes](#) (2021 - 2022)

Worked in collaboration with TTT Studios to bring designs to life using React, SCSS, and Redux.

◦ Full-stack Developer at [Prixz](#) (2020 - 2021)

Maintained and developed new features for the logistics mobile & web applications.

◦ Full-stack Developer at [Cointic](#) (2018 - 2020)

Worked on a team environment implementing bespoke software.

Open Source Contributions

- **Visx**: Improved Zoom package by allowing devs to provide custom gesture handlers.
- **React Hook Form**: Fixed useWatch hook documentation.
- **Ant Design**: Updated and refactored code for drag and drop demos.
- **Dagu**: Solve accesibility problems to improve user experience of people with low visibility issues or who use screen readers.

Education

◦ Computer Systems Engineer (2014 - 2019)

Tecnologico de Estudios Superiores de Chalco.