Juan Andrés Friss de Kereki

Software Engineer

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Languages
Spanish: Native language
English: Fluent
Italian: Intermediate

Summary

I am a software engineer with over 10 years of experience in both frontend and backend development. I have a strong track record of quickly understanding client requirements, prioritizing tasks, and delivering innovative and efficient results.

I have a deep technical proficiency across a broad range of modern technologies. I am passionate about mentoring colleagues, embracing challenging problems, and using new tools.

Experience

Lob / Full-Stack Engineer

California, USA - MAY 2022 - FEBRUARY 2025

- Spearheaded frontend and backend development with Vue and Node.
- Migrated the customer-facing dashboard from AngularJS to Vue2 and later Vue3 for an enhanced user experience.
- Transitioned from JS to TS on a large codebase, increasing TypeScript coverage from 0% to 60% to enhance code safety and maintainability.
- Leveraged Tanstack Query for efficient API management, resulting in smoother UI interactions and improved performance.
- Developed a customer-facing API with Node, ensuring seamless integration.

Water UX / Frontend Lead Engineer

California, USA - APRIL 2021 - MAY 2022

- Led development of a visualization-heavy, customer-facing dashboard for 35 agencies as a contractor.
- Architected the entire front-end solution and mentored a junior developer, gradually transferring responsibilities.
- Maintained proactive client communication to identify bugs, discuss features, and propose enhancements.
- Advocated for and implemented robust testing practices using Cypress (e2e) and Jest (unit tests).
- Collaborated on API design and data formatting to optimize visualization.

QOMPLX: / Frontend Engineer
Virginia, USA - APRIL 2018 - APRIL 2021

- Efficiently closed bug tickets in the existing React codebase by debugging UI inconsistencies and enhancing overall reliability.
- Developed an advanced data visualization solution using Vue.js.
- Integrated diverse data sources, including temporal geospatial data and RESTful APIs.
- Leveraged Leaflet.js and Cesium.js for interactive geographic mapping.
- Employed amCharts to render dynamic, multi-format charts.

Osom Digital / Project Manager
Montevideo, Uruguay - AUGUST 2016 - JULY 2017

- Started as a front-end developer, building the company's e-commerce platform using HTML5, CSS3, and jQuery.
- Resolved multiple backend issues with PHP and frameworks like Laravel and CakePHP.
- Advanced to Technical Leader and Project Manager, overseeing a team of 5, including both developers and non-technical profiles.

Hexacta / Developer
Montevideo, Uruguay - FEBRUARY 2014- OCTOBER 2014

- Developed web applications based on the .NET framework.

PREU / Math Teacher
Montevideo, Uruguay - APRIL 2013- DECEMBER 2013

- Taught maths as an assistant professor.

Education

Universidad de la República, Facultad de Ingeniería, Uruguay

Montevideo, Uruguay - MARCH 2012 - MAY 2017

Software engineer. 41 courses taken and approved, with an overall grade average of 81%. Thesis accepted, graded with 100%.

Skills

JavaScript | TypeScript | Vue | Node | AWS | HTML5 | CSS3 | Cypress | Jest | RESTful APIs | Leaflet.js | Cesium.js | amCharts | Data Visualization | React | API Design | Mentoring | Proactivity | Socializing | Communication | Project Management | Leadership