

PABLO SOLANO

SOFTWARE ENGINEER

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EDUCATION

University of Cuenca

Systems Engineer

Cuenca, Ecuador

Sep 2016 - Sep 2022

WORK EXPERIENCE

Kruger

Technical Leader - Kate Stuttgart

Quito, Ecuador (Remote)

Jul 2023 - Present

- Took over and documented the development of an existing software product with an established stack and procedures.
- Reviewed the whole application and identified security malpractices and exploits.
- Provided guidance and mentorship to my team of developers, fostering collaboration, leading by example, and strategically assigning tasks to achieve optimal solutions for complex client ideas.
- Led "knowledge transfer" meetings where the previous developing company answered questions about the various parts of the application, deployment flows, and auth method.

Kruger

Front End Leader - Summit Broadband

Quito, Ecuador (Remote)

Aug 2022 - Jul 2023

- Led a team of front-end developers to build a state-of-the-art web application from scratch.
- Led live product presentations in English for customer and company acceptance of the product.
- Handled essential customer-provided APIs that make it possible to acquire new customers and change orders on an existing customer.
- Discovered aspects not considered when developing the application in micro-frontends and I migrated all the micro-frontends to a single project, which was crucial to achieving deadline goals.
- Designed the application routing, reusing entire flows applied to different environments within the application.
- Led meetings in English where we discussed topics such as how to treat information from dozens of APIs to represent and manage it in the frontend (API training sessions), as well as identifying and solving emerging problems when developing the application.
- Developed the two-factor authentication that connects the authentication system with the application.
- Developed a plugin to prevent multiple users from connecting to the same account at the same time.
- Established the hierarchy of reusable contexts in both public and private routes.
- Established and generated the project structure with which the application was built.
- Implemented the persistence of information about a specific purchase made by a user.
- Established the communication channel and habits between front-end and back-end for more agile development.
- Built dynamic and reusable forms throughout the application.

Kruger

Front End Developer - Liberty

Quito, Ecuador (Remote)

Jun 2023 - Jul 2023

- Developed the home page for the user account of this project. I used existing components and transformed them to cover specific needs for this page.
- Implemented the new customer login flow of the application. Implemented two-factor authentication via Keycloak.
- Achieved to persist new customer signup information via Redux store implementation.

- I developed key features within an existing project and stack, creating key components to work and look as per the business requirements.
- I collaborated directly with project managers and UI designers to provide solutions on requirements to increase user friendliness, SEO, focusing on responsiveness within mobile design.
- I provided key knowledge and skills to debug major issues within an application flow (creation of custom products).

SKILLS

Javascript/Typescript:	React, Node.js, Express, NextJS, NestJS, React Native Redux, React Context, Socket.io
Python:	NumPy, SciPy, Pandas, Matplotlib, SciKit-Learn
Git:	Github, BitBucket, Gitea, Github Actions
HTML & CSS:	Tailwind CSS, Styled Components, Bootstrap
Databases:	MySQL, PostgreSQL, MongoDB, Neo4j, Firebase
Java:	Keycloak

FullStack | Backend | Frontend | WebSockets | CI/CD | Problem-Solving | Leadership | Conflict Resolution | Teamwork | Client Relationship Management | Agile/Scrum

LANGUAGES

Spanish: Native Speaker
English: Native or bilingual proficiency

PROJECTS

PresentIT *React, Express, Firebase, Github Actions, Digital Ocean* <https://presentit.app>

I'm the creator of presentIT, an app that allows you to present your files with the team that you made them with. It connects directly with Google Drive, and shows all your files and folders. If you have a presentation where multiple people have a section to present, each member of the team with access to the file can open it on their own computer via presentIT and can handle the same presentation remotely. I used Github Actions for CI/CD. Deployed on a DigitalOcean server I configured myself.

Web App for Virtual Education *React, Express, Redux, MySQL*
<https://www.oratoriomariaauxiliadoracuenca.com>

I made this web application for an oratory in my city. This application allows you to receive requests from students and then register them for the new school year, enroll new students, manage and train courses, send and receive assignments, and it also allows you to upload educational material for students.

Virtual Museum *React360, Express, MySQL*

Web application made for the University of Cuenca. In this application you are able to create virtual museums with their respective rooms, where links are located to navigate the different environments, also information buttons can be located for each work present in the museum. It is also capable of adding videos about the exhibited work and leaving comments by logging in through Google.