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Daniel Felipe Polo Garcia

ABOUT ME

I am a Frontend Engineer skilled in both web and mobile development, leveraging all the advantages React allows us to use. With 3 years and 5 months of experience, I've had the opportunity to grow as a developer and recently as a leader of a modest team. When working, I am very proactive and service-oriented, stepping out of my comfort zone to help with backend issues that may arise with Node or being a pioneer in proposing native code solutions like Swift.

EXPERIENCE - ACHIEVEMENTS

OL-Software, Cali(Remote) (React / typescript / React Native(CLI) /Nextjs) — *Frontend engineer middle*

SEPT 2023 – ACTUALIDAD
- Led the project of achieving cannas from the front-end side, defining a feature-based architecture, a modular design pattern focused on having the business logic in the store manager, proposing libraries for different functionalities to be ready and leaving a project with clean code best practices and SOLID principles for software scalability.

BITPOINT LATAM, Colombia(Remote) (React Native(CLI)/ typescript / React Native(CLI) /React /AWS /Firebase) — *Developer mobile middle*

SEPT 2021 – ENE 2023
- Refactoring of the MVP, improving the implemented logic, adapting it to be responsive on various mobile devices, and implementing a new user interface.

- Led the migration of the application from React Native Expo to React Native CLI, allowing better control of third-party services such as Firebase and the implementation of third-party login using Amazon Cognito/Amplify. Additionally, I proactively proposed a new architecture and management of business logic.

- Implemented over 70 features, including login with fingerprint or facial recognition, push notifications, alerts for application updates, and the use of dynamic links for personalized navigation through QR codes. Other improvements include the optimization of FlatList and the application of best development practices.

e-me Growth and Development Agency, Barranquilla(On-site) (React / typescript / React Native(CLI) /Nextjs /AWS /Nodejs) — *Frontend developer middle*

SEPT 2021 – ENE 2023

- Improved development time by 40% by creating modular and reusable micro frontends with React, MaterialUI, or antDesign (depending on the case) and TypeScript.
- Improved the creation of administrative panels by 60% by migrating the previous file type structure with React to a module-based architecture with a design pattern type DDD with Next.js, making it more scalable when implementing new features and launching projects faster thanks to these foundations.
- Implemented a visual interface of MeiliSearch for service searches, allowing the user to customize their environment by just changing keys and generating a high impact on the company and products like Apparta that rely on this search engine.
- Implemented more than 120 features to support legacy React applications, including searchers, responsive interfaces, paginated, extra buttons or widgets, among others.
- Achieved the development of several e-commerce platforms with React Native, implementing cloud features such as push notifications, customized login with Cognito, two-step authentication, consumption of S3 files, and some APIs with API Gateway.
- Implemented and customized or consumed various libraries such as chart.js, react-router-dom, axios, storyBooks, etc.
- Migrated from the Redux with Saga pattern to a cleaner and more readable one with Redux Toolkits to use Redux sliders and the feature of createAsyncThunk.

FORMATION

Universidad del atlántico, Puerto colombia — *Degree in mechanical engineering*

JAN 2016 – MAY 2023, Puerto colombia

Universidad del atlántico, Barranquilla — *Foreign language course: English*

JAN 2016 – JUL 2019, Puerto colombia

SKILLS

- React
- React Native (CLI)(expo)
- Nextjs
- Nodejs
- MongoDB

- Javascript / Typescript
- Ant design / Material UI / BootstrapDetox
- Jest
- Testing library
- SwiftUI /UIKit

- Detox
- AWS(S3/Cognito/ Api Gateway)
- firebase(notifi cation push)
- azure(code push)
- tailwindCS