

Robert Stevens Pineda Marín

Software Architect - Frontend Engineer - Speaker - Bytes Lover

Details

Quindío, Colombia
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Profile

Senior Frontend Engineer in love with Javascript and its ecosystem (Typescript, Nodejs, Angular and React), implementing them in multiple web projects and responsibilities. I have been in the industry since 2011, performing roles as frontend and full-stack developer, technical leader and recently as a software architect.

Self-taught in order to always be at the forefront of technical innovations and industry methodologies. Passionate about sharing knowledge through talks and videos.

Experience

Pragma S.A., Medellín, Colombia — *Software Architect*

February 2023 - Present

Lead the team defining and taking technical decisions to be implemented in the construction of a digital web application using the Bubble LowCode platform.

Responsibilities:

- Give technical guidelines to the team and make technical decisions that allow the successful implementation and execution of the project using the Bubble LowCode platform.
- Accompaniment to the team in the implementation of good practices for the execution of their technical activities in the Bubble platform.
- Implementation and integration with the Amazon Cognito user authentication and authorization service from the Bubble platform.
- Creation of necessary documentation for the project that shows the technical decisions and software architecture.
- Successfully deployment to production of the first software application built using LowCode / NoCode technologies and one of the first projects for the USA customers in Pragma.

Tech Stack and Tools:

Bubble.io LowCode Platform, Amazon Cognito, Javascript, CSS3, C4 Model.

Pragma S.A., Medellín, Colombia — *Software Architect*

October 2022 - May 2023

Guidelines proposal of best strategies and practices to allow the solution to specific needs and issues in the frontend, backend and infrastructure layer level for the Arquitectura y Concreto customer.

Responsibilities:

- Migration of the AyC web portal from Gatsby v2 to Gatsby v4 proposing the most appropriate strategies to generate the least impact on the business during the process.

Links

[LinkedIn](#)

[GitHub](#)

[Youtube](#)

[Website](#)

Languages

Spanish

English

- Notable improvements in the web portal performance metrics by proposing and implementing multiple web performance techniques.
- Update of obsolescence of the micro services tech stack.
- Update the Software Architecture documentation for the project.

Tech Stack and Tools:

Gatsby v2, Gatsby v4, Node.js, Serverless Framework, Amazon Web services (S3, Lambda, EC2, Cloudfront), Jenkins, Git, Github, Git Flow, Contentful.

Pragma S.A., Medellín, Colombia — Full-Stack Developer

August 2021 - September 2022

Definition and implementation of the most appropriate migration scheme to upgrade the Banistmo BLP Personas mobile application from Ionic v3 to Ionic v5, ensuring compliance with current functional requirements and behaviors.

Responsibilities:

- Definition of the most appropriate migration scheme for the developers team modules and the current tech stack of the application.
- Fixing and improvement of the unit tests to achieve the correct way of testing multiple core components before migrating, avoiding errors in the process.
- Knowledge sharing by talks about the best practices for implementing unit testing.
- Optimizations in terms of efficiency and loading times reduction of the modules by using techniques such as Lazy Loading and resources optimizations.
- Creation of a functional script, allowing to eliminate unused resources (*assets*) in the application to reduce the size of the migrated and upgraded version.
- Knowledge sharing with the team in terms of good practices (*SOLID principles and Clean Code*) focused on migrating some core components that needed to be refactored.
- Knowledge sharing in terms of pentesting and securing frontend web applications (*Unprotection of Angular Guards*)
- Effective detection and solution of multiple bugs around the application before completing the migration process.

Tech Stack and Tools:

Javascript, Angular Framework, Ionic Framework, Node.js, CSS3, HTML5, Azure DevOps, SOLID principles, Clean Code, Unit Testing, TDD, SASS, Git, Git Flow, AWS Lambda, Amazon CloudWatch.

Pragma S.A., Medellín, Colombia — Chapter Contributor

April 2021 - June 2023

Participating in the main activities of the company's front-end chapter, allowing it to achieve its main objectives and goals.

Responsibilities:

- Technical interviewer for front-end web developer positions in the company.
- Evaluator and companion in the growth maps of the front-end chapter members, helping to build and grow its professional careers.
- Speaker in multiple talks about topics like Test Driven Development (*TDD*), Clean Code, web development security practices and c4 Model.

- Mentor and support in troubleshooting of community developers.

Tech Stack and Tools:

Test Driven Development (TDD), Clean Code, SOLID principles, Design Patterns, Javascript, Angular Framework, C4 Model.

Topitt Inc, New York — Full-Stack Developer

August 2019 - January 2021

Design and implementation of multiple components and features for the Topitt web platform that would allow evaluating and achieving the feasibility of the Topitt Inc startup project, making use of the Angular framework and AWS cloud services.

Responsibilities:

- Design, build and stylish different modules for the web application
- frontend using the Angular framework.
- Design and implementation of some micro services for news scrapping and storing using Node.js, MongoDB and AWS Lambda Functions.
- Improvement of the SEO metrics by implementing Server Side Rendering (SSR) techniques on the web application.
- Migration of the code base from Angular v6 to Angular v10.
- Implementation of lazy loading strategies to improve the performance and loading times of the web application.

Tech Stack and Tools:

Javascript, Node.js, Express.js, Angular, HTML5, CSS3, SASS, Angular Material UI, Amazon S3, AWS Lambda, Amazon DynamoDB, Amazon API Gateway, Git, GitHub, Trello.

Celuweb SAS, Armenia, Colombia — Mobile Application Developer

April 2014 - January 2018

Design and development of mobile applications to achieve the sales force needs of multiple customers and well-known businesses in Colombia such as Tigo, Nutresa and JGB; making use of the sales force to increase sales and customer service.

Responsibilities:

- Proposal and implementation of the hybrid mobile applications development process to reach the iOS market in the company using technologies such as Phonegap and Ionic Framework.
- Design, development and deployment of the hybrid mobile application for the Nutresa customer, making use of web technologies to support multiple mobile applications stores such as Google Play (*Android*) and App Store (*iOS*).
- Development of the sales force native Android application for Tigo and JGB customers by implementing the MVC pattern to separate UI, business logic and domain.

Tech Stack and Tools:

Javascript, jQuery, HTML5, CSS3, Java, Android SDK, Ionic Framework, Phonegap, SQL, SQLite, Apache Subversion, Git, Eclipse IDE.

Ethereal Game Factory, Armenia, Colombia — *Software Developer*

December 2011 - February 2014

Design and implementation of multiple software projects for some of the company's customers, interacting directly with the stakeholders of the applications for a better understanding of the needs to be implemented.

Responsibilities:

- Design and build of the Android application for the Secretary of Transit and Municipal Transport of Santiago de Cali to record traffic infringements including an intuitive image editor to draw the local map of the infringement.
- Development of some web applications and mini-games for different customers for some marketing campaigns on Facebook.

Tech Stack and Tools:

Javascript, jQuery, HTML, CSS, Java, Android SDK, PHP, Adobe Flash, MySQL, Eclipse IDE, Apache Subversion, Facebook API, Adobe Photoshop.

EDUCATION

University of Quindío, Armenia, Quindío — *Systems and Computer Engineer*

December 2016