

Sebastian Ardila Agudelo

📍 Pereira, Colombia ✉ <https://calendar.app.google/79Huh2qw1NdCmCCo6>  [in/sebastian-ardila](https://www.linkedin.com/in/sebastian-ardila)  sebastianardila.com

PROFESSIONAL SUMMARY

Senior Frontend Engineer with 9 years of experience building and modernizing web applications using React.js, JavaScript, TypeScript, HTML, and CSS. Experienced in developing frontend components for rendering engines, optimizing low-code platforms, implementing code splitting strategies for large volumes of data, and integrating real-time communication with WebSockets. Strong foundation in Clean Code, SOLID/DRY/KISS principles, Design Patterns, TDD, and unit and integration testing.

EXPERIENCE

Director of User Experience

RunMyProcess (AK digital LLC)

December 2024 - Present, (Remote)

- Developed and integrated components for rendering engines, improving page load times by 35% and reducing visual rendering errors by 40%, focusing exclusively on the frontend to optimize visual experience.
- Optimized the internal low-code platform by updating icons, refining messages, and correcting dependencies, reducing platform bugs by 25% and improving build performance by 20%
- Prepared and maintained technical documentation in Confluence covering 50+ components, reducing developer onboarding time and support tickets.
- Provided technical support to clients, resolving 95% of reported issues within SLA timeframes and incorporating feedback that improved user satisfaction scores by 15%.

Senior Software Engineer

RunMyProcess (AK digital LLC)

September 2024 - December 2024, (Remote)

- Led and coordinated a multidisciplinary team of 8+ developers and designers to modernize the experience across the landing page, documentation site, and internal low-code platform, increasing user engagement by 25% and reducing bounce rate by 18%..
- Executed a comprehensive UI redesign, implementing visual enhancements that improved usability scores by 30% and reduced user error rates by 22%
- Planned the user experience roadmap across 3 product lines and managed technological transitions including AI integration, reducing manual workflows.
- Collaborated with international teams in India, the United States, Morocco, Japan, Australia, and Colombia.
- Provided technical consultancy to clients and improved platform solutions based on feedback.

Software Engineer II

VeriTran

January 2020 - October 2023, Pereira (Remote)

- Enhanced and expanded a low-code platform for financial institutions using React.js and TypeScript.
- Led the transition from pure JavaScript to a component-based system to improve maintainability and scalability.
- Integrated Node.js and WebSockets to enable real-time communication and platform reliability.
- Developed interactive low-code components using React to enable customized banking software solutions.
- Improved performance for large data volumes by implementing code splitting techniques.
- Built visual construction tools including drag & drop guides and zoom-based component adjustments.

Implementation Consultant

VeriTran

March 2019 - December 2019, Pereira

- Led the integration of the low-code platform at BancoEstado and developed a frontend interface using HTML, CSS, and JavaScript to improve customer interaction with banking services.
- Applied frontend and backend technologies to enhance accessibility and user experience in financial platforms.

Full Stack Developer

ExcelAscent

August 2018 - August 2019, Pereira

- Developed a cryptocurrency payment and investment management system with a dynamic React.js frontend.
- Built backend services using Express.js and Node.js.
- Led and Oversaw a team of two developers and a UX designer.
- Migrated the project to Remix.js to simplify maintenance for developers.
- Implemented GraphQL to unify the API schema and streamline client-server communication.
- Managed MongoDB for large volumes of transactional data.

Backend Web Developer

Tecnología Digital 7

January 2018 - August 2018, Pereira

- Developed a real-time cryptocurrency price visualization application using Socket.io.
- Built backend services using Express.js and MongoDB.

- Implemented comprehensive backend testing using Mocha.js.
- Spearheaded the development of a cryptocurrency wallet and ICO platform based on Ethereum.

Software Developer

Onyx Soft SAS

October 2017 – June 2018, Dosquebradas

- Developed applications to enhance operational management for chain restaurants.
- Used rapid development tools (Webdev, Windev) to deploy new features efficiently.
- Optimized order management, payment processing, and inventory handling systems.

PROJECTS

Compiler PL0 in Python

- Develop of a PL0 compiler created using Python for Educational purposes.

Link: <https://youtu.be/s0Anb8T6mU8?si=nkbEGvOgeVGCvqFM>

Unlocking Creativity: A Structured Approach to Dynamic Component Development

- Creative guide about my personal approach to reach the design requirements of any component

Link: <https://medium.com/@sebastian-ardila/unlocking-creativity-a-structured-approach-to-dynamic-component-development-62e7374d3173>

EDUCATION

Bachelor of Computer and Systems Engineering

Universidad Tecnológica de Pereira – Pereira, 2017

Graduation Project: <https://repositorio.utp.edu.co/items/a81e7357-2f8d-40b9-bb90-17d11b0db31d>

English B2/C1

Centro Colombo Americano

SKILLS

Frontend: React.js, JavaScript, TypeScript, HTML, CSS, Redux, Tailwind CSS

Real Time and Integration: WebSockets, Socket.io, APIs, GraphQL

Backend and Data: Node.js, Express.js, MongoDB, SQL

Testing and Quality: Jest.js, Mocha.js, Unit Testing, Integration Testing, Test Driven Development, Clean Code, SOLID, DRY, KISS, Design Patterns, Domain Driven Development, Git

Tools: Confluence, Figma, Claude Code,

CERTIFICATIONS

- Certificate in Advanced React from Meta: <https://coursera.org/share/8644e084e3b9364697fbeffa68700535>
- Certificate in React Basics from Meta: <https://www.coursera.org/account/accomplishments/verify/NFMHBC9EOWCE>
- Certificate in HTML and CSS in depth from Meta: <https://coursera.org/share/1f6e3576cc1971690f50972c2c7f39b7>
- Certificate in Introduction to Front-End Development from Meta: <https://coursera.org/verify/KXBUGP6Z24ZV>
- Certificate in Programming With JavaScript From Meta: <https://coursera.org/share/2d80b69e107fd720030f7c6075de7015>
- Certificate in Version Control from Meta: <https://coursera.org/share/172cebe48c5d48b3c16fce3efd10d282>
- REACT: Using Typescript:
https://www.linkedin.com/learning/certificates/ee1651881f2422ed5ccc99b49712ebac97a79f66c3c82c72d3c96143c95ead5e?trk=share_certificate&lipi=urn%3A%3Apage%3Ad_flagship3_profile_view_base_certifications_details%3Bdlwhi2B%2FT5qBu4nFWojbBA%3D%3D