



PROFILE

Computer and Systems Engineer with 10+ years of professional experience in software development and technological innovation.

Successfully served as Senior Software Developer and Technical Lead, guiding cross-functional teams and projects to success.

Proficient in JavaScript, React JS, Next JS, Ruby on Rails, AWS, GenAI, and Clean Code principles.

Extensive experience in the healthcare, airline, e-commerce, supply chain, and e-learning industries, with a strong focus on delivering innovative solutions.

Recognized for responsibility, creativity, strong interpersonal skills, ownership, and the ability to work effectively in teams to solve problems efficiently.

Passionate about continuous learning and professional development, with a focus on leveraging AI to optimize processes and drive efficiency.

BIO



Birthday: 09/26/90



Location: Manizales - Colombia



English: B2

CONTACT



andresdiazdev@gmail.com



(+57) 31 16415832



<https://www.linkedin.com/in/andres-diaz-dev>

ANDRÉS DÍAZ

SENIOR FULL STACK SOFTWARE ENGINEER

EXPERIENCE

Senior Frontend Software Engineer

PURPLELAB, INC.

Jan 2024 - Dec 2025 (1 Year, 11 Months)

- Maintenance, enhancements, bug fixes, and implementation of new features for healthcare applications developed using React JS, Next JS, Angular, and GenAI.
- Successful implementation of the ports and adapters architecture (Hexagonal Architecture) in the monorepo ecosystem of the apps.
- Successful integration of AI tools inside the development, testing, and deployment processes.

Senior Frontend Software Engineer

COPA AIRLINES.

May 2023 - Jan 2025 (1 year 9 months)

- Maintained and optimized Next.js applications to ensure performance, reliability, and scalability, contributing to the project's technical excellence.
- Designed and implemented new features to meet evolving project requirements, showcasing adaptability and innovation.
- Delivered pixel-perfect implementation of user interfaces to ensure a seamless and engaging user experience.

Senior Full Stack Software Engineer

THOROUGH CARE, INC.

Feb 2020 - Jan 2024 (3 Years, 11 Months)

- Maintenance, improvements, bug fixes, and implementation of new features for a healthcare application built using Ruby on Rails and Vue JS.
- Build integrations with third-party services.
- Conduct technical interview process for new candidates.

Technical Leader and Senior Frontend Engineer

DIANA AI, INC.

Mar 2020 - Apr 2022 (2 Years, 1 Month)

- Support the selection of the best technological tools, frameworks, and architecture for the applications built inside the company.
- Design and implementation of the front-end applications using React JS, Typescript, and Electron JS technologies.
- Successful implementation of the Serverless architecture using AWS Amplify technology.
- Technical Lead of a team of 3 developers and 1 QA.

Senior Full Stack Software Engineer

PANOPEN, INC.

Dec 2018 - Mar 2020 (1 Year, 3 Months)

- Maintenance, improvements, bug fixes, and implementation of new features for an e-learning application built using Ruby on Rails, React JS, and Ember JS.
- Improvements in the AWS cloud configuration to get better performance, security, scalability, and cost-benefit optimizations.
- Conduct technical interview process for new candidates.

EXPERIENCE

Technical Leader

YUXI GLOBAL, SAS.

June 2017 - December 2018 (1 Year, 6 Months)

- Design and implementation of the microservices architecture for the Apex Rogue IoT projects.
- Successful integration of Docker in the production environment for the Apex Rogue IoT projects.
- Successful integration of Balena services to administrate multiple remote Apex devices in production.
- Technical Lead of a team of 6 developers and 2 QAs.

Full Stack Software Engineer

YUXI GLOBAL, SAS.

February 2016 - June 2017 (1 Year, 4 Months)

- Write a Ruby gem to handle the communication between the Apex IoT Lockers and the Apex Trajectory server.
- Creation of bash scripts to automate and control the DevOps process.
- Design and implementation of the front-end applications using Angular and Ionic technologies.

.NET and jQuery Developer

IGROUP, SAS.

October 2015 - February 2016 (4 Months)

- Design software to read, validate, and process RIPS (Registro Individual de Prestacion de Servicios de Salud) between IPS and EPS for the health system according to resolution 3374 of 2000 in Colombia.

Ruby and Mobile Mid Developer

KOMMIT, SAS.

May 2014 - October 2015 (1 Year, 5 Months)

- I was part of the dev team of several mobile applications (Civico - Melostomo - Autentico - Mobijobs), in which we used Ruby on Rails, Heroku, and PostgreSQL in the backend and Appcelerator Titanium as the mobile hybrid framework.

.Net and Mobile Junior Developer

PACTEL, SAS.

September 2013 - May 2014 (8 Months)

- Full synchronization between a group of decentralized SQLite databases fed by an offline mobile application (built using jQuery and Cordova/Phonegap technology) and a centralized SQLServer database using .NET, entity-framework, and LINQ. To finally display all the information gathered in a customizable dashboard.

Freelancer Developer

- PHP MVC Framework for academic purposes – Caldas University – 2012.
- Development of commercial web pages and mobile apps for local businesses.
- Various proofs of concept with different programming languages available on GitHub.
- Presentations as a speaker about clean architecture, algorithm techniques, best practices, and Ruby on Rails at local meetups and internally within the companies.

EDUCATION

Systems and Computation Engineering

University of Caldas. Manizales 2014.

English Skill (C1)

Blendex Institute. Medellin 2019.

English Skill (A1 - B2)

Centro Colombo Americano. Medellin 2018.

Web development with Ruby on Rails

Bootcamps of APPS.CO. Manizales 2013.

High School

Instituto Universitario de Caldas.
Manizales 2007.

Technical Skills

Self study on internet and local meetups. Every single day.