

Andrés Felipe Velásquez Trujillo

Senior Full Stack Developer - Mathematician

SUMMARY

- Full-stack developer with 4+ years of experience specializing in Ruby on Rails, React.
- Proficient in integrating complex APIs such as Binance, Circle, and various banking services, enhancing fintech applications like VitaWallet and Rocket Exchange.
- Skilled in modern development practices including unit/integration testing (RSpec, Chai, Mocha), CI/CD with GitLab/GitHub, and Agile methodologies.
- Strong background in computer science and mathematics, complemented by teaching roles in Python, JavaScript, and blockchain programming, demonstrating deep technical expertise and leadership.

TECHNICAL SKILLS

Main Technical Skills	Ruby (4 yr.), Ruby on Rails (4 yr.), JavaScript (4 yr.), PostgreSQL
Programming Languages	ActionScript, JavaScript (4 yr.), Python, Ruby (4 yr.), Solidity (2 yr.)
Ruby Libraries and Tools	active admin
JavaScript Libraries and Tools	Ethers.js (2 yr.), React Native (4 yr.), Redux-Saga (1 yr.), Web3.js (2 yr.)
JavaScript Frameworks	Express (2 yr.), Node.js (1 yr.), React (3 yr.), Remix
Ruby Frameworks	Ruby on Rails (4 yr.)
Data Analysis and Visualization Technologies	Azure Data Factory
Databases & Management Systems / ORM	PostgreSQL, Sequelize, Supabase (1 yr.)
UI Frameworks, Libraries, and Browsers	CSS (4 yr.), HTML, Material UI (1 yr.)
Azure Cloud Services	Azure Data Factory
Blockchain and Decentralized Software	BSC, Chai, Ethers.js (2 yr.), Hardhat (2 yr.), IPFS (InterPlanetary File System), OpenZeppelin (2 yr.), Truffle (2 yr.)
Deployment, CI/CD & Administration	CircleCI, GitLab CI
Version Control	Git, Github Actions

QA, Test Automation, Security	Mocha, RSpec
Methodologies, Paradigms and Patterns	Scrum
Other Technical Skills	InterPlanetary File System, Linea

WORK EXPERIENCE

Full Stack Developer - VitaWallet (VitaWallet Web Applications)

Duration: Aug 2021 - October 2025

Summary:

- Development and maintenance of web applications for VitaWallet, a platform likely focused on digital wallet services
- The project involved integrating third-party financial services such as Binance, Circle, and various banks to facilitate transactions and financial operations

Responsibilities:

- Developed and maintained web applications using Ruby on Rails.
- Integrated third-party services using APIs such as Binance, Circle, and different banks.
- Maintained existing codebase and developed unit and integration tests.
- Utilized front-end technologies including React, React Admin, React Native, and JavaScript.

Technologies: Ruby, Ruby on Rails, React, React Admin, React Native, JavaScript

Full-Stack Developer Blockchain Solidity (Freelance) (Blockchain and Smart Contract Development)

Duration: Dec 2021 - Present

Summary:

- Development of blockchain-based front-end applications and smart contracts using Solidity
- The projects included creating various tokens such as ERC20 and ERC721, leveraging blockchain development tools and frameworks to build decentralized applications

Responsibilities:

- Developed front-end applications with React JS, Web3 JS, Ethers JS, and CSS.
- Developed Solidity smart contracts using Truffle, Hardhat, Ganache, Infura, Metamask, Etherscan, OpenZeppelin, and other blockchain tools.
- Implemented various token standards including ERC20 and ERC721 in smart contracts.

Technologies: React JS, Web3 JS, Ethers JS, CSS, Solidity, Truffle, Hardhat, Ganache, Infura, Metamask, Etherscan, OpenZeppelin

Frontend Developer (Freelancer) - Vista Higher Learning (Digital Content Adaptation and Quality Control)

Duration: Feb 2021 - Jul 2021

Summary: Adapted digital educational content within a content management system (CMS) and performed quality control to ensure content accuracy and usability for Vista Higher Learning, a company specializing in educational materials.

Responsibilities:

- Adapted digital content in CMS.
- Performed quality control on digital educational materials.

Full-Stack Developer Ruby on Rails (Freelancer) (Web Application Development and Maintenance)

Duration: Sep 2020 - 2021

Summary:

- Developed and maintained web applications using Ruby on Rails, integrating third-party APIs and enhancing user experience through front-end components
- The project included implementing background jobs and managing email services

Responsibilities:

- Developed and maintained web applications using Ruby on Rails.
- Integrated third-party APIs.
- Implemented background jobs with ActiveJob.
- Managed email services with ActionMailer.
- Created tests with RSpec and FactoryBot.
- Developed front-end components using StimulusJS to enhance user experience.

Technologies: Ruby on Rails, ActiveJob, ActionMailer, RSpec, FactoryBot, StimulusJS

Full-Stack Developer - Rocket Exchange (Rocket Exchange Platform)

Duration: Jul 2021 - Aug 2021

Summary:

- Created a platform on the Stellar blockchain enabling buying and selling of fiat currencies and cryptocurrencies with real-time trading capabilities
- The platform included security features such as two-step authentication and AI identity validation

Responsibilities:

- Developed a blockchain-based trading platform on Stellar blockchain.
- Implemented buying and selling of fiat currencies and cryptocurrencies.
- Enabled real-time cryptocurrency trading.
- Implemented two-step authentication and AI identity validation.
- Managed email delivery services.

Technologies: React, Redux, JavaScript, Supabase, Material-UI, CSS, NodeJS, Express

Programming Languages Teacher - Colombia (Antioquia) (Programming Courses and Private Classes)

Duration: Jan 2020 - Present

Summary: Provided instruction in various programming languages including Python, JavaScript, CSS, HTML, React, C, C++, Solidity, and Ruby on Rails through courses and private classes.

Responsibilities:

- Taught Python programming courses.
- Provided private classes in JavaScript, CSS, HTML, React, C, C++, Solidity, and Ruby on Rails.

Technologies: Python, JavaScript, CSS, HTML, React, C, C++, Solidity, Ruby on Rails

Teacher - Coderhouse (Remote JavaScript Classes)

Duration: Nov 2021 - 2024

Summary:

- Delivered remote JavaScript classes involving synchronous and asynchronous activities
- Responsibilities included planning and delivering lessons and leading a team of tutors and students

Responsibilities:

- Taught remote JavaScript classes with synchronous and asynchronous activities.
- Planned and delivered classes.
- Led a team of tutors and students.

Technologies: JavaScript

EDUCATION

- **Mathematician**
Universidad de Antioquia
2014 - 2021
- **School of Blockchain and Cryptocurrencies**
Platzi
- **Ruby on Rails Courses**
Platzi

CERTIFICATION

- **Learn Scrum**
LinkedIn
- **Fundamentals of Web Development: Full Stack**
LinkedIn
- **Fundamentals of Git en Cloud**
Udemy
- **Visualizing Data with Python**
Udemy



- **Learning to Learn**
Udemy
- **Ruby on Rails Courses**
Platzi

