

# Samuel Satizabal - Fullstack Developer

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## Education

### ICESI University

Cali, Colombia

Software Engineer.

Relevant Coursework: Honor roll I, V, VI, VIII semester

### Study Abroad

Goose Creek, South Carolina, United States

Study abroad coursework at Stratford High School

August 2017 - June 2018

## Experience

### Diptravel

Remote

#### Fullstack Developer

February 2024 - Today

- Developed a web application for hotel reservations using React.js with TypeScript, integrating multiple provider APIs into a unified booking platform.
- Developed backend services using NestJS with TypeScript, implementing GraphQL queries for multiple tasks.
- GraphQL was implemented with Apollo Client for efficient back-end communication and used the AWS SDK for document management.
- Implemented CI/CD pipelines to automate building, and deployment processes, ensuring consistent and reliable releases across development and production environments.
- Built an administrative web application using Next.js that manages hotel reservations, parks tickets, client support, banners, links, and agent information.
- Created comprehensive management tools to track booking operations between multiple service providers in a centralized interface.

### OptimalTech

Remote

#### Database Developer

May 2025 – Today

- Develop multiple store procedures and table creation for multiple schemas in the database.
- Deeply review orchestration processes to find bugs and improve time records.
- Review and time multiple store procedures to find bottlenecks and errors that may slow the flow.
- Create an ETL to process the data from the database and store the logs for each action made.

### Dissau

Remote

#### Fullstack Developer

August 2023 - July 2024, November 2025 - Today

- Develop a web app using React.js with libraries such as Material UI and Tailwind for universities in Colombia to have their students' data stored and secured in one place to help other organizations verify the knowledge and achievements.
- Develop a mobile app using React Native with most of features that the web app has in order to let the users manage their account, accesses, credits, etc.
- Develop and deploy different services using the C#.NET framework.
- Manage the app database in PostgreSQL.
- Lead a team of developers to archive goals and complete features.

### AlleyCorp Sur

Remote

#### Front-end Developer

June 2024 – February 2025

- Develop a responsive web app in React with TypeScript for content creators where they can create a custom brand and spaces to have courses, posts, chat, members, events, and also a dashboard to keep track of the incomes and outcomes and compare them in different time periods.

- Deploy to production and connect with Stripe to monetize the creator's content.
- Develop a mobile app for iOS using React Native for dating, where users can create, view, accept, and reject dates.
- Translate detailed Figma designs into pixel-perfect code, ensuring absolute fidelity to the provided design.

## Inner Consulting

Remote

### Front-end Developer

July 2024 - July 2025

- Develop a web app using Next.js with TypeScript for the Caja de Seguro Social of Panamá, responsible for the planning, control, and administration of the country's social security contingencies.
- Develop multiple custom components from scratch and ensure that they were highly customizable to have minimal reliance on external libraries to enhance security and reduce the risk of data breaches.

## WiCup

Remote

### Front-end Developer

May 2024 - December 2025

- Developed a comprehensive web application using Angular 14+ for online gaming tournaments, implementing user registration, authentication, and competition management
- Add a module for users to review match updates, scores, and tournament progression with responsive design and optimized change detection strategies.

## Universidad ICESI

On-site

### Backend-end Developer

January 2022 - June 2022

- Developed a student retention monitoring system using Spring Boot framework, implementing multiple micro-services with RESTful APIs to analyze academic performance data, track attendance patterns, and detect early signs of student disengagement.
- Implemented robust testing strategies using JUnit and Mockito for unit testing, and Spring Boot Test for integration testing, ensuring 85%+ code coverage while delivering reliable notification services that enable early academic intervention by educational staff.
- Collaborated in an Agile development environment using Scrum methodology with 2-week sprints, utilizing Jira for task management, story tracking, and progress monitoring to ensure timely delivery of critical features and maintain transparent project visibility across the development team.

## Entrepreneurship

Remote

### Private teacher

November 2021 - November 2023

- Give private lessons to Interactive media design students where I taught them the Object Oriented Programming basics using JavaScript and TypeScript afterward.

## Skills & Interests

**Technical:** React, Next.js, JavaScript, TypeScript, Angular, Agile, API REST, SQL, SASS, ETL, Store procedures, React Native, CSS, Tailwind, HTML, Java, C#, .NET, Node.js, Springboot, GraphQL

**Language:** Spanish (native), English (C1)

**Soft Skills:** Creativity, analysis, adaptability, resourcefulness, teamwork, critical thinking.

**Interests:** Origami, coffee brewer, code for fun.