

# JUAN SEBASTIAN DIAZ SANCHEZ

Software Engineer

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Cali, Colombia

## SUMMARY

Results-driven software engineer with expertise in designing scalable architectures and leading teams to deliver innovative solutions. Proficient in software development methodologies and dedicated to continuous learning, tech industry networking, and professional development. Experienced in leadership with a keen interest in Agile methodologies, cutting-edge technologies, automation, DevOps, and research

## EDUCATION

Software Engineering

Universidad Icesi

2022 - Present Cali, Colombia

## EXPERIENCE

Tech Fellow

VelezReyes+

2024 - Present

Technology Leadership Acceleration Program Participant, developing projects within authentic work domains to address real-world software development challenges using industry-standard technologies, delivering tailored solutions to specific needs.

Research Assistant

Universidad Icesi

2023 - 2024

Research professional with expertise in organizational restructuring and data management within diverse governmental sectors, dedicated to enhancing operational efficiency and decision-making processes. Experience includes roles such as:

- Research and Development Assistant for SENA restructuring.
- Research Assistant at the Data Analytics Center of the Ombudsman's Office.
- Research Assistant specializing in databases at the Ministry of Foreign Affairs.

Teacher Assistant & Academic Monitor

Universidad Icesi

2023 - 2024

Teacher Assistant & Academic Monitor providing specialized support in algorithms, programming, software development, discrete mathematics, and data structures to empower students in the field of Software Engineering, facilitating comprehension and skill enhancement for academic and professional success.

## SKILLS

### Programming

Java JavaScript TypeScript  
Python PHP R Scala SQL

### Web Development

HTML CSS React Django  
SpringBoot Tailwind CSS

### Database

MySQL MongoDB PostgreSQL

### Frameworks and Methodology

TDD (Testing) Selenium Scrum  
Kanban AWS CI/CD  
GitHub ecosystem Pattern Design  
Software architecture

## STRENGTHS

### Experienced in Leadership Development

Fostered team growth and cohesion as a Monitor, facilitating collaborative learning environments.

### Proficient in Project Management

Ensured timely delivery and effective resource allocation as a Monitor, managing multiple projects simultaneously.

### Skilled in Knowledge Management

Efficiently organized and shared information as a Research Assistant, evaluating documentation and data structures for optimization.

## LANGUAGES

Spanish Native  
English Intermediate