



Juan David Soto Carmona
Software Engineer

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Software Engineer from Universidad del Valle with over 2 years of hands-on experience in web development, specializing in technologies such as React.js, TypeScript, and Node.js.

Solid foundation in coding, problem-solving, teamwork and dedication to driving innovative results. A strong commitment to precision and attention to detail that ensures the delivery of high-quality software solutions that meet both user needs and business objectives. Collaborating effectively with cross-functional teams to achieve project goals.

EDUCATION

Software Engineering
Universidad del Valle
May 2019 – Nov 2024
Cali, Colombia

Relevant college courses

- Medical image processing
- Artificial intelligence
- Constraint programming
- Optimization
- Data structures and algorithms
- Discrete mathematics

LANGUAGES

- SPANISH - Native language
- ENGLISH - Professional working proficiency

TOP TECHNICAL SKILLS

- Javascript
- Reactjs
- Typescript
- AWS
- Nodejs
- React Native
- Java
- Git

COURSES

Flutter - Móvil: De cero a experto
Udemy - Jan 2024

React Pro
Udemy - Dec 2023

Node de cero a experto
Udemy - Jan 2021

Combinatorics and probability
Coursera - Oct 2020

Introduction to graph theory
Coursera - Sep 2020

WORK EXPERIENCE

TANOK TECH

JUNIOR FULLSTACK DEVELOPER May 2024 – Nov 2024

Implementation of UI modules for the internal management web application of a recycling company. Use of technologies such as Nextjs, Prisma, YouTrack, Figma and PostgreSQL.

BYLOGIC

SOFTWARE ENGINEER Jul 2023 – Present Freelance

- Development of a trading broker platform as well as a comprehensive management application for administrators to control critical data. User authentication, account resources through web3 technologies. The platform was built using ReactJS, Expressjs, AWS and the TradingView API.
- Mobile application as a trip planning tool using AI to create custom itineraries based on user preferences and their actual profile configuration. Use of React Native, Expressjs, AWS and OpenAI.

HOLCIM ADC

TRAINEE Jan 2024 – July 2024
INTERN July 2023 – Jan 2024

- Backend development using Java Spring Boot, handling payment transactions and related functions as well as implementing unit and integration tests to ensure its reliability.
- Enhancement of Next.js-based web interfaces.
- Refactoring Nodejs applications making use of AWS Lambda, S3, Api Gateway.

ENSOLVERS

TRAINEE ENGINEER Sep 2022 – Oct 2022

Development of web application for Ensolvers' employee management.

- Focused on developing a dedicated component within the application for tracking and managing employee days off.
- Designed and implemented features to allow employees to request and managers to approve or deny leave requests.

PROJECTS

Web application for epidemiology control at Copacabana
Aug 2020 – Dec 2020

Design and implementation of microservices to query, register, update and delete information, using NodeJS as server technology.