

# DAVID PORTOCARRERO CAICEDO

Master in Software Engineering

Location:  
Santiago de Cali, Colombia

Multimedia Engineer, with 5 years experience in the development of web applications, foundation in computational sciences, knowledge and skills in the use of languages and techniques for programming for development back-end and front-end. With complementary experience in the development of Android mobile applications, computerized machine learning technique, a range of knowledge in the graphic design and UX user experience design and knowledge in the design of software architectures.

## Professional Experience

### 2019 Software Engineer

Coomunity S.A.S

- Software requirements management.
- Full-stack software development for web and mobile applications.
- Data-base administrator for MySQL and MongoDB databases.

### 2018 Analyst of Digital Information Systems

Departamento Administrativo de las Tecnologías de la Información y las Comunicaciones, Alcaldía de Santiago de Cali.

- Elaboration of the "Prototyping" procedure that is integrated into the subprocess "Strategic ICT Management" with the objective of investigating the needs and problems of the citizens, determining suitable prototypes as solution proposals.
- Manage innovation through the implementation of people-centered methodologies.
- Design the software architecture for digital initiatives developed in innovation workshops.
- Research, ideation and prototyping of digital solutions to city problems to integrate them into projects of the municipal development plan.

### 2017 Software Developer

Departamento Administrativo de las Tecnologías de la Información y las Comunicaciones, Alcaldía de Santiago de Cali.

- Web application developer of the municipal portal [www.cali.gov.co](http://www.cali.gov.co).
- Maintenance, updating and testing for both new developments and legacy developments of the municipal portal with front-end and back-end scope.
- Apply practices for compliance with safety standards and quality assurance according to national policies that govern the information systems of municipal entities.
- Align technological projects with the "Guide for the implementation of information systems" of the municipality.

### Oct – Software Developer

Dec 2016

Oficina de Asesora en Informática y Telemática, Alcaldía de Santiago de Cali.

- Web application developer of the municipal portal [www.cali.gov.co](http://www.cali.gov.co).
- Maintenance, updating and testing for both new developments and legacy developments of the municipal portal with front-end and back-end scope.
- Apply practices for compliance with safety standards and quality assurance according to national policies that govern the information systems of municipal entities.

## Education

Dec 2019 **Master of Software Engineering**, Pontificia Universidad Javeriana Cali. December 2019.

April 2018 **Software Engineering Specialist**, Pontificia Universidad Javeriana Cali. April 2018.

July 2016 **Multimedia Engineering**, Universidad Autónoma De Occidente, Facultad de Ingeniería. Santiago de Cali. July 2016.

**Hobbies:** Drawing/illustration, playing guitar.

## Personal info

### Mobile

(57) 3157705456

### E-mail

ing.portocarrero@gmail.com

### Id-card

1.144.065.---  
de Santiago de Cali

### GitHub

github.com/ingporto

### LinkedIn

linkedin.com/in/davidportocarrero

## Hard Skills

Coding



Advanced

Data Bases Knowledge



Advanced

UX design



Intermediate

Design Thinking



Advanced

## Soft Skills

Teamwork



Advanced

Critical Thinking



Advanced

Written/Oral Communication



Advanced

## Languages

Java



Advanced

Javascript - ReactJS



Advanced

PHP



Advanced

SQL



Intermediate

MongoDB



Intermediate

CSS



Intermediate

Git



Intermediate

Spanish



Expert

English



Intermediate