

Andrés Contreras Pereira

Software Engineer & Cloud Architect (GCP)

 andres@jiacp.dev  +1 (786) 554-3980  jiacp.dev  in/jiacontrerasp

 github.com/jiacontrerasp  g.dev/andres

EXECUTIVE SUMMARY

Software engineering professional with over 15 years of experience leading software development, cloud architecture, technology consulting, entrepreneurship, and university teaching.

PROFESSIONAL EXPERIENCE

CTO — zymDev

Jul 2019 – Present

Bogotá, D.C., Colombia

Architecting and developing technology solutions for public and private sectors. Cloud and IoT solutions integrating hardware devices. Leading Web, Mobile, and Backend engineering teams.

CEO — Consultorías y Soluciones JIACP E.U.

Sep 2008 – Present

Bogotá, D.C., Colombia

Specialized software engineering consulting, custom systems architecture, digital transformation, and cloud strategy.

Lead Software Engineer — SKF Group

Dec 2020 – Feb 2026

SKF Multilog IMx Manager (Google Play Store)

Lead engineer in charge of application development and technical team leadership for SKF Multilog IMx Manager industrial mobile application on Google Play Store.

University Professor — Fundación Universitaria Konrad Lorenz

Feb 2017 – Jan 2023

Faculty of Mathematics & Engineering

Taught Google Cloud Architecture (official partnership with Google Cloud & Google Colombia), Software Engineering I & II, Operating Systems, Multiplatform Applications, and Interactive Application Design.

Mobile Trainer — MisiónTIC (National University of Colombia)

Jan 2021 – Dec 2021

Intensive mobile development (Android, PWA) trainer empowering hundreds of engineers and technicians nationwide.

Technical Leader — Scrummers**Jan 2020 – Nov 2020**

Coordinating development and testing across web, mobile, and backend projects. Leading technical teams and cloud-oriented information system architectures.

Google Student Ambassador — Google Inc.**Mar 2012 – Dec 2012**

Official Google Ambassador at National University of Colombia. Organized technical events and promoted the developer ecosystem.

ACADEMIC EDUCATION

M.Sc. in Systems Engineering and Computing**2015 – 2017**

National University of Colombia (GPA: 4.3 / 5.0)

Thesis: M-learning platform with adaptive exercises and intelligent tutors. Best Averages Scholarship 2016-II.

Specialization in E-Government**2016 – 2017**

National University of Colombia (GPA: 4.4 / 5.0)

B.Sc. in Systems Engineering and Computing**2006 – 2015**

National University of Colombia (GPA: 3.8 / 5.0)

Thesis: "Ciudad Appoyo" (Information and accessibility model using crowdsourcing). Thesis Score: 5.0 / 5.0.

CERTIFICATIONS & AWARDS

- **Google Cloud Certified Associate Cloud Engineer** (Google Cloud)
- **Scrum Master Professional Certificate (SMPC) & SFPC** (CertiProf)
- **Premios Ingenio 2016 (MinTIC & Fedesoft)** — Winner Best App of the Year (Project MARO)
- **TuApp.org 2013 Latin American Apps Tournament (Chile)** — 2nd Place Latin America (Project Transpórtate)