

DANIEL KOCH

SOFTWARE DEVELOPER

SUMMARY

Experienced software developer specializing in video conferencing applications and customer tracking software. Proficient in C++, ANSI C, Python, GStreamer, mediasoup, WebRTC, and OpenCV. Also well-versed in web development, using TypeScript, NodeJS, and React.



EXPERIENCE

VIDEO DEVELOPER

Nearsure - Caresyntax | 2020 - present

- Developing a telehealth and surgery recording platform for Caresyntax using C++, GStreamer, NDI, mediasoup, and Python.

COMPUTER VISION DEVELOPER

3RCorp | 2008 - present

- Developed *PeopleFlow*, a pedestrian tracker for monitoring and reporting customer traffic in shops and malls;
- Developed *Penalty D-Tech*, a computer vision system for tracking the ball to aid referees in volleyball games;
- Developed *Itaú Vault*, a virtual sluice gate solution that uses Kinect and RGB cameras, safeguarding bank vault rooms.

FULL STACK DEVELOPER

Solution for Life | 2008 - 2020

Performed the complete development process for:

- *Solution Money*, an online personal finance management software for financial coaching services;
- *Solution ADM*, a web platform for insurance agencies and sales management.

LANGUAGES

C++, ANSI C, Python, and TypeScript

CORE TECH

GStreamer, mediasoup, WebRTC, cmake, OpenCV, Redis, Docker, NodeJS, and React

CONTACT DETAILS

daniel@dkprog.com

dkprog.com

+55 11 97649-7320

Sao Paulo Area, Brazil, GMT-3