DANIEL KOCH

FULL STACK DEVELOPER

SUMMARY

- Create web applications using JavaScript and React;
- Specialize in videoconferencing applications using WebRTC;
- Former ANSI C programmer with experience in system programming for IoT and Computer Vision software.

EXPERIENCE

WEBRTC DEVELOPER

Nearsure | 2020 - present

- Developing Caresyntax's CX-CONNECT, a Telehealth platform for operating rooms using Node.JS, React and WebRTC.

IOT SOFTWARE ENGINEER

3RCorp | 2008 - present

- Developed *PeopleFlow*: a real-time pedestrian detector to monitor and report customer traffic inside shops and malls;
- Developed *Penalty D-Tech*: a real-time computer vision system to track the ball and assist the referees in their decision-making during a volleyball game;
- Developed *Itaú Vault*: a virtual sluice gate solution for Kinect and RGB cameras, which creates a virtual sluice gate to protect bank vault rooms.

FULL STACK DEVELOPER

Solution for Life | 2008 - 2020

Performing full development cycle of:

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

CONTACT DETAILS

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SKILLS

LANGUAGES
JavaScript, TypeScript, ANSI C, SQL

FRONT-END
React, Material UI, Electron, WebRTC

BACK-END
Node.js, Express, Redis, mediasoup, Azure

TOOLS
Git, Docker, GNU Make, gulp, Jira