DANIEL KOCH

FULL STACK DEVELOPER

SUMMARY

- 17 years of professional programming experience;
- Specialize in web development using JavaScript, React, and PHP;
- Experience in system programming for IoT boards, such as Raspberry Pi, creating Computer Vision software using C, Python, Node, and Electron.

EXPERIENCE

FULL STACK DEVELOPER
Solution for Life | 2008 - present

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.

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.

BACK-END DEVELOPER
Blockbit | 2015 - 2019

- Developed back-end services, network scanners, and protocols for BLOCKBIT VCM, a tool for Vulnerability and Compliance Management.

CONTACT DETAILS

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SKILLS

LANGUAGES
JavaScript, PHP, ANSI C, SQL, Python

FRONT-END
React, Bootstrap, Electron

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

TOOLS
Git, Docker, GNU Make, gulp