

# David Cako

## Profile

I am passionate about making the world better through technology, with experience in full stack, mobile applications, and embedded hardware. I love helping people see their ideas come to life!

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Denver, CO

## Experience

### **Owner/Full-stack Engineer, cako.io | Denver, Colorado — 2014-present**

Designed and implemented mobile applications, web applications, IoT appliances, and commercial systems. Clients have come to me with a wide range of business requirements for both internal and external facing software and I have helped them evaluate and implement secure, reliable, high-performance systems.

- Built and deployed microservices and backends in Go, Python (Flask/Django), and node.js (Express)
- Designed and implemented web and mobile applications using React, React Native, HTML, CSS, TypeScript, and JavaScript
- Built native applications in Swift, Objective-C, C#, and Java
- Deployed highly-available infrastructure using Docker, AWS, GCP, CI/CD pipelines, and infrastructure-as-code

### **Founder, Public Works Cooperative | Denver, Colorado — 2020**

On a mission to build communities for the future. Bringing Colorado artists and professionals together to inspire innovation, and creating a blueprint for sustainable, responsible communities. We offer design, technical, and marketing expertise at every stage of product development, and shared spaces for collaboration and retail.

### **Technical Account Manager, Amazon Web Services | Denver, Colorado — 2018-2020**

Managed post-sales relationship and supported customers with architectural and operational guidance as they grew software solutions on our platform. Responsible for service team engagements, key partnerships, and migrations.

- Primary point of contact for key enterprise customers
  - Led architectural engagement for new features and deployments on ElastiCache, SageMaker, EKS, and MSK
  - Provided operational guidance for optimizing cost, storage, and network performance
  - Managed major migrations from Azure and on-premises
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### **Co-creator/Lead Engineer, Saunter: Share Your Day — 2018-present**

In-development cross-platform application that offers privacy conscious, energy efficient visit-tracking and sharing.

- Built and deployed application using React Native and native iOS/Android code
- Implemented geolocation and fitness APIs and optimized for battery life and location tracking

### **Full-stack Engineer, Exact Assembly LLC | Colorado Springs, Colorado — 2016-2018**

Implemented front-end and back-end solutions for embedded systems and automation hardware. Responsible for synthesizing state machines, data structures, and real-time communication from complex, interdisciplinary requirements.

- Designed and implemented user-friendly control software for complex systems using jQuery, React, and C#
- Implemented real-time communications in Python, Go, and JavaScript via WAMP protocol
- Authored custom Linux images using Yocto and Docker

### **Director of Engineering, Drip LLC | Colorado Springs, Colorado — 2017-2018**

Worked with a team of awesome data scientists and engineers to bring water quality and water rights insights to Colorado industry professionals.

- Built web app and APIs in jQuery and Django for interfacing with analytics data

## **Professional Involvement**

**GoCode Colorado 2017 — Contestant and Grand Prize Winner —** Drip LLC, Water Analytics and Insights for Industry Professionals

**GoCode Colorado 2018 — Competitive and Engineering Mentor**

**PyColorado 2020**

**Pikes Peak Makerspace**


**Peak Startup**

## **Education and Training**

**AWS Solutions Architect Associate**

**Dale Carnegie Sales Training**

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**Texas Virtual Academy, Lewisville, TX** — Accelerated Learning Program, Science and Technology — 2011-2013

## Skills

- Microservices
- iOS/Android Development
- REST APIs
- Embedded Systems
- AWS / GCP / Azure
- Serverless
- Cost Optimization
- UI/UX Design
- Business Outreach and Sales
- Technical Presentations/Public Speaking
- Internet of Things
- Custom Linux Images and Administration
- Data Ingestion
- Containerization
- Automation

## Technologies

- JavaScript / TypeScript / node.js
- Python
- Go
- HTML / CSS
- React / React Native
- jQuery
- SQL / Postgres / SQLite
- Swift
- Objective-C
- Docker
- Kubernetes
- Git
- Bash / Shell Scripting
- Java
- C#
- Rust
- C/C++

## References

**Trevor Mitchell**, Amazon Web Services - [trevm@amazon.com](mailto:trevm@amazon.com)

**Dan Saltman**, URL Ventures - [dan@harknesslabs.com](mailto:dan@harknesslabs.com)

**Ted Vaida**, Exact Assembly LLC - [ted@xassembly.com](mailto:ted@xassembly.com)

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