David Cako

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Woodland Park, CO

Profile

I am passionate about changing the world through technology, with experience in full stack development, mobile applications, and embedded hardware. I write about philosophy, culture, and privacy at cako.io, and I'm the founder of Public Works Cooperative, a Colorado organization where creatives and innovators collaborate on leading-edge media and journalism. I am excited to be at the intersection of technology and art, and I love seeing incredible ideas come to life!

Experience

Owner/Full-stack Engineer, cako.io | Denver, Colorado — 2014-present
Designed and implemented mobile applications, web applications, IoT appliances, and commercial systems. I build solutions that scale!

- 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 desktop and mobile 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 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.

- Developed key infrastructure and privacy initiatives
- Collaborated with creatives and influencers on leading-edge media and journalism

Lead Software Developer, Exact Assembly LLC | Colorado Springs, Colorado — 2022
Lead engineer overseeing strategy and architecture on a team of bright, diverse folks that build incredible hardware from the ground up.

- Sparked innovation on a goal oriented team in designing high-performance systems and integrating with embedded hardware
- Built real-time applications for health sciences in Go, TypeScript, and gRPC

Product Engineer, Replit | San Francisco, California — 2020-2021
Built innovative tools for creative and collaborative coding in the cloud.

- Implemented features for education including *Group Projects,* Templates and Payments
- Managed product lifecycle and customer feedback
- Worked in JavaScript, Flow, and Go, deploying through GitHub to Heroku

Technical Account Manager, Amazon Web Services | Denver, Colorado — 2018-2020
Managed post-sales relationship and supported customers with architectural and operational leadership as they grow 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

Co-creator/Lead Engineer, Saunter: Share Your Day — 2018-present
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
Led a team of awesome data scientists and engineers to bring water quality and water rights insights to Colorado industry professionals.

- Directed key business development goals to build a platform for real estate professionals and scientists
- Built web app and APIs in jQuery and Django for interfacing with analytics data

Professional Involvement

GoCode Colorado 2017 — 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

Dale Carnegie Sales Training

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
- Streaming Data Ingestion
- Payment Processing
- Real-time Systems
- Geolocation
- Containerization

- Automation
- Continuous Integration and Deployment

Technologies

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

References

Amjad Masad, Replit - amjad@repl.it
Trevor Mitchell, Amazon Web Services - trevm@amazon.com
Ted Vaida, Exact Assembly LLC - ted@xassembly.com
Dan Saltman, URL Ventures - dan@harknesslabs.com