

David Cako

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Denver, CO

Profile

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

Lead Software Developer, Exact Assembly LLC | Colorado Springs, Colorado — 2022-present

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 in Go, TypeScript, and gRPC
 - Authored custom Linux images with Yocto
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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
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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
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- 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
