

# Isaac Vance

📞 (724) 553-9171 — ✉ isaacchristophervance@gmail.com — in isaac-vance

🌐 isaacvance1027 — 🏠 Denver, CO

## Skills

**Programming:** Ruby, Rspec, Golang, go test, Python, Javascript, npm/nvm, Java, JUnit, Bash/zsh, C++, C

**Web Development:** Ruby on Rails, React, Node.JS, JQuery, HTML, CSS, Flask, Django, Graylog

**Platform:** GCP, Git, Github Actions, Docker, Kubernetes, RabbitMQ, Codefresh, Capistrano, TravisCI, AWS, Railway, MySQL

**Payments & Integrations:** Stripe API, Stripe Connect, ACH/Card processing, QuickBooks Online API (OAuth 2.0), PCI compliance

**AI/LLM:** Anthropic API (Claude Haiku/Sonnet/Opus), Claude Code, OpenCode, GitHub Copilot, MCP (Model Context Protocol), prompt engineering for agentic coding workflows, multi-model integration

## Work Experience

### Cadre Government Solutions - Software Engineer

March 2024 - Present

*Department of State VisaOps Senior Cloud Engineer*

*March 2025 - Present*

- One of three total engineers managing 7-module Rails application powering worldwide DOS VisaOps visa platform serving consulates globally
- Wrote and deployed Rails 7 upgrade via Classic to Zeitwerk migration; refactored fat views using presenters and helpers
- Fixed American Express credit card velocity decline issue through yaml configuration and payments service integrations to stop bot attacks, speeding up average payment throughput by 20%

*Department of State VisaOps Cloud Engineer*

*March 2024 - February 2025*

- Authored internal tooling and documentation including a json-based config tool for test engineers and bit masking abstraction writeup that cut new engineer onboarding time significantly

### Recurly, Inc. - Software Engineer

September 2021 - February 2024

*Payments Success Engineer*

*December 2023 - February 2024*

- Provided payments success engineering for processing of over \$1 Billion per month for a subscriber base the size of France
- Designed, implemented, and canary released AVS/Partial-AVS and CVV system for Chase Orbital gateway integration; led data cleanup process design and handoff to customer support to reduce engineering overhead
- Pioneered AI-assisted refactoring using GitHub Copilot to migrate Node.js payment integrations to Ruby and GoLang

*Associate Payments Engineer*

*December 2022 - November 2023*

- Sole engineer on PCI compliance bug fix requiring multithreaded scripts across 20 million records — only Associate Engineer to ever receive a SPOT recognition award and bonus for work on a company-wide security incident
- Deployed hot fixes across 4 services in Ruby, Node, and open source Recurly-JS to ensure subscription payment success of a \$20 million batch
- Built new integrations to third party payments APIs across four major microservices in Ruby, GoLang, and Node.js

### Sporian Microsystems - Intern

May - October 2020

*Built Flask/Jinja web app for field-deployed micro-controller data; refactored Django app for tradeoff analysis*

## Projects

### Conduit CRM — Co-Founder & Lead Engineer

*Ruby on Rails, React, MySQL, Stripe Connect, QuickBooks OAuth, Railway, SolidQueue*

*2025 - Present*

- Contractor CRM targeting electrical trades; 20+ committed users pre-launch at \$35/month flat pricing
- ACH-first payment system via Stripe Connect saving contractors \$800-\$1,400/month in processing fees; full QuickBooks two-way sync for invoices, payments, and customers

### Terminal LLM — Co-Founder & Engineer

*Mobile SSH Terminal optimized for AI coding agents (Claude Code, OpenCode)*

*2024 - Present*

- Architecture informed by direct multi-model testing across Anthropic, OpenAI, and open-source LLMs; flat pricing with no tiers

## Education

### University of Colorado

2019 - 2021

*Bachelor's Degree in Computer Science*

*Boulder, CO*

### University of Colorado

2012 - 2016

*Bachelor's Degree in Mathematics and Quantitative Economics*

*Boulder, CO*

## Interests

Music Production and Performance, Traveling, Sailing, Chess, Woodworking, Golf, Hiking, Basketball