# CARSON R. COLE

**Ruby on Rails Developer with over 15 years of experience, developing, upgrading, and managing full-stack web applications.**

carson.cole@gmail.com
+1 206-451-7216
Seattle, WA, USA
https://carsonrcole.com
https://github.com/carsoncole
https://linkedin.com/in/carsoncole

## SUMMARY

Highly proficient and experienced Ruby on Rails full-stack developer with expertise in application design, and development, and deployment. Adept at the assessment of existing or new applications and facilitating discussions between stakeholders while also playing a pivotal role as a lead engineering contributor.

## EXPERIENCE

### CTO AND PRINCIPAL ENGINEER, BOATYBID.COM

Remote (USA)                                    June 2021 - November 2023

Principal engineer and primary architect for this stage one company focused on boat charter auctions. Led initial design and implementation and now focused on completing MVP for launch in during the summer of 2023. Originally on Heroku and built on a Ruby on Rails stack, but migrated to Digital Ocean.

### PRINCIPAL PLATFORM ENGINEER, ASG MARTECH

Bellevue, WA                                    April 2018 - April 2021

Principal engineer for architecting cross-company web applications. Implemented multiple systems in record time, including a billing accounting and customer support system, a system monitoring solution (https://status.grade.us), a review scraping service (https://reputation.authoritylabs.com) and an API documentation hosting solution (https://yalit.io). Was integral to the rollout of a major price increase and new Plans for customers at Grade.us in 2019, and also designing and implementing a new CI/CD software pipeline. Major accomplishment was proposing, designing, and implementing an extraction of a major component of the Grade.us application into a micro-service. Responsible for the design, engineering and operation of a product review monitoring SASS application.

### PRINCIPAL ENGINEER, LEVERAGE.LAW (GALLO DIGITAL)

San Rafael, CA                                    2017 - 2018

Re-engineered this single-tenant SaaS Ruby on Rails application to a multi-tenant application with fully-automated CI on AWS, reducing costs by 85% ($16,300 => $3,000 monthly). Developed and implemented a more secure application within a VPC architecture and also eliminated extensive use of 3rd party services that allowed for security vulnerabilities. Reconfigured databases to be more redundant, secure, and allow for point-in-time recovery.

## SKILLS

**Ruby - Ruby on Rails - PostgreSQL - MySQL - Kamal - Redis - AWS - Azure - Heroku - Digital Ocean - DevOps - Ansible - Terraform - RESTful APIs - CSS - HAML - SQL - Microservices - Agile - TailwindCSS - Docker - Kubernetes**

## PROJECTS

**WorkyGig** - Job search SaSS site for identifying jobs, utilizing generative AI. Integrates with WorkyPad.

**WorkyPad** - Job search tracking app. https://github.com/carsoncole/workypad, https://workypad.com

**Gain** - Accounting application for stock investments. https://github.com/carsoncole/gain

**Tree Recycle** - Application for managing tree pickup and recycling fundraising events. https://github.com/carsoncole/tree-recycle

**Bio** - Personal bio, resume-generating site. https://github.com/carsoncole/bio

**Yalit** - API documentation and hosting application. https://github.com/carsoncole/yalit

## SENIOR RUBY ON RAILS ENGINEER, WELLTHIE INC.

New York, NY                                                          2016 - 2017

Senior engineer on four Ruby on Rails applications, completing feature design and development work. Responsible for managing issues supporting enterprise customers.

## FOUNDER AND CTO, NUKU INC.

Seattle, WA                                                          2010 - 2023

Founded and principal-engineered this Ruby on Rails-based investment management firm, into a 19 micro-services-backed infrastructure. Managed global team of 8 engineers. Principal engineer behind the firms' investment decision-making engine, trading and accounting applications, a network of 14 individual API-driving micro-services, extensively utilizing Elasticsearch, Ansible and MySQL. Successfully migrated complete architecture from Amazon AWS to Digital Ocean in less than 30 days with zero downtime.

## PRINCIPAL ENGINEER, FOUNDER, KOMODOPOST

Singapore                                                          2006 - 2009

Founded this U.S. mail-forwarding company and engineered its primarily Ruby on Rails-backed applications.

## FOUNDER, CTO, DEBTTRADERS INC.

New York, NY/Hong Kong                                                          1999 - 2005

Launched the first bond information and trading platform, building the company into a 150-employee global operation with offices in New York, London, Chicago, and Hong Kong. The firm became the largest independent dealer in junk bonds internationally, with annual trading volume exceeding $13 billion in its second year of operation. Architected the infrastructure and software that supported all trading and accounting.

### EDUCATION

University of New Hampshire — Business Administration

### REFERENCES

Jon Hall, Founder/CTO/Ruby on Rails Engineer, switchbird.com and Grade.us, jon@switchbird.com
John Koisch, Sr. Ruby on Rails Engineer, T Mobile, john.koisch@proton.me
Afshaun Naficy, Product Manager, Remitly.com, afshaun@gmail.com
Zarko Milosevic, Engineer, RubySoft, +381 62 205217