

from the left brain of

# ROY HARRISON LINDAUER

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## certifications

- AWS Certified Solutions Architect - Associate

## patents

- User defined scenarios in a three dimensional geo-spatial system - US 12/245,562

## notable achievements

Implemented CI/CD and migrated the companies entire software stack into a containerized, scalable, highly redundant architecture and infrastructure.

Shrank the lead time for software updates from 3 months to 1 week while improving overall application stability and reducing mean time to recovery.

As a new employee took on a high risk project that was many months behind schedule. I finished the project, made many performance improvements, and ultimately delivered on earlier promises made to the client and saved the company from expensive lawsuits.

Inherited an unfinished Adobe AIR project that was overdue and over budget and was able to eliminate the massive performance issues, implement all client requested features, and completed the project.

Won several awards for design work while employed as a graphic designer

## technology and tools

Ruby, Ruby+Rails, Ansible, Chef, Linux, MacOS, VueJS, Terraform, Packer, AWS, PHP, GIT, Adobe Photoshop, Adobe XD, WordPress, Drupal, Pantheon, Digital Ocean, Bash, CakePHP, Laravel

## profile

I am a software engineer and systems architect aspiring to create world class software. My experience includes continuous integration and continuous deployment, implementing deployment pipelines, containerization, propping up AWS infrastructure, developing tooling to support the building, deployment, and debugging of web applications. I have a creative background and extensive experiencing in web marketing, which has allowed me to approach software engineering from multiple perspectives, ultimately resulting in a higher quality product for end users. Currently, I am seeking to grow and evolve in my role as a software engineer. Specific interests include DevOps as a culture, systems security, internet privacy, Linux, managing systems at scale.

## experience

### Senior DevOps Engineer -> Blackbird Logistics, Reno, NV 2018-current

- Create and maintain fully automated CI/CD pipeline for code deployments using Ruby, CircleCI, and AWS
- Actively manage, monitor, and improve cloud infrastructure on AWS. Reduced hosting costs by nearly 50% by eliminating unnecessary services, tuning our services to scale, and supporting the engineering team to consolidate, refine, and tune their own projects.
- Lead effort to transition from performing high-risk multi-hour deployments every 3 months, to low-risk sub 1 hour deployments every day. As a result releases are more stable, the mean time to recovery has been greatly reduced, and the team is delivering stable code daily.
- Developed tool chain used by the engineers and the CI/CD pipeline to build, test, and deploy production quality images. The tools developed have greatly reduced on-boarding time for new engineers onto the project.

### Senior Web Developer -> Noble Studios, Reno, NV 2012-2018

- I was part of a team that built many successful projects in the travel & tourism, health & wellness, B2B, and higher education sectors.
- My responsibilities included creating project scopes and specifications, propping up hosting infrastructure, creating the deployment pipeline, mentoring and supporting the junior engineering staff, meeting with clients face to face, and writing high quality code.
- The many technologies used include PHP, Javascript, WordPress, Drupal, Magento, Chef, Docker, Vagrant, Pantheon, and Ruby.

### Partner/Engineer -> Lab Analytix Reno, NV 2011-2012

- Working with my partner we developed enterprise resource planning software for the mining industry.
- Developed software to interface with network connected hardware to assist lab technicians in collecting data from their samples.

### Senior Web Developer -> Exyst, Inc. Carson City, NV 2008-2011

- As a senior web developer I was responsible for meeting with clients, developing project scopes, supporting sales, and creating high quality e-commerce, B2B, and Adobe AIR applications. I was also responsible for maintaining our web hosting and email infrastructure

### Web Developer/Graphic Designer -> Noble Studios Carson City, NV 2005-2008

- I was responsible for creating e-commerce, B2B, and small business websites, as well as flash applications for clients including Autodesk.
- As a graphic designer I created marketing material, business collateral, poster, and logo designs.

### Web Developer -> Great Basin Internet Services Reno, NV 2004-2005