



ROY LINDAUER

location

Reno, NV, USA

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certifications

- AWS Certified Solutions Architect - Associate
- AWS Certified DevOps Engineer - Professional (Est. July 2023)

patents

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

notable achievements

- Organized a technical book club with software engineers for continuous learning and growth
- Lead organizer of local Linux Users Group
- Built tooling to support mono-repo strategies
- Implemented CI/CD pipeline, containerized the companies software stack, and re-platformed into a scalable, highly available architecture and infrastructure.
- Shrank the lead time for software updates from 3 months to 1 week, improved overall application stability, and reduced mean time to recovery from days to hours.
- Rescued high risk project, improved on performance, delivered the product, and ultimately delivered on earlier promises made to the client and saved the company from expensive lawsuits.
- Rescued a nonworking and unfinished project that was overdue and over budget. I was able to eliminate the massive performance issues, implement all required features, and delivered the project to relieved and happy clients.
- Received many awards for graphic design

intro

I am a software engineer aspiring to create world class software. My experience includes SDLC automation, DevOps transformation, Software Engineering, and Platform Engineering. I have a background rooted in web development, graphic design, and fine arts. Currently, I am seeking to grow and evolve in my role as a software and platform engineer.

experience

Contract Developer, 2010-current

As a contract developer I have helped companies with re-platforming their web software, implemented build tooling, created automation pipelines, developed e-commerce solutions, and worked with the local business community with their web projects.

Senior DevOps Engineer -> Blackbird Logistics, Reno, NV/Remote 2018-2022

Blackbird Logistics is a logistics and technology company that provides software solutions for wholesale and retail cannabis operators.

- Implemented Docker-based SDLC.
- Built and maintained CI/CD pipeline with Ruby and CircleCI.
- Managed AWS accounts and AWS infrastructure as code (IaC) via Terraform and Ansible. Specifically used Terraform to manage AWS ECS EC2 and Fargate Clusters, AWS Cloudfront Distributions, AWS S3 Buckets, AWS IAM Roles, Users, and Groups, AWS RDS Instances, AWS ElastiCache Clusters, AWS VPC and related networking services, AWS SNS, AWS Config, AWS Cloudwatch Alerts, and AWS VPC Peering Connections for connecting 3rd party MongoDB services.
- Created Ansible playbooks and roles to provision Elastic Stack (ElasticSearch, Logstash, and Kibana) servers, OpenVPN servers, Rails App Servers, Utility Servers, and to deploy some Rails applications.
- Reduced AWS costs by 75% through service consolidation, performance and scaling improvements, and set best practice on building better applications.
- Led the transition from a high-risk multi-hour deployments every 3 months to daily low-risk sub 1-hour deployments, resulting in improved release stability, reduced recovery time, and stable daily code delivery.
- Led the re-platforming from DigitalOcean to AWS, including containerization of the software and training of engineering team to adopt new processes.
- Created CLI tools with Ruby and Rake to build, test, and deploy production quality docker artifacts.
- Developed a devops control plane using Ruby on Rails and VueJS.
- Supported software team by contributing to bug fixes and patches for the companies primary Ruby on Rails, PHP, Laravel, and Go Lang product offerings.

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

Noble Studios is a creative digital performance marketing & web development agency

- Created project scopes and project specifications.
- Architected and developed websites and applications across multiple industries including Travel & Tourism, Health & Wellness, Higher Education, and B2B and E-commerce.

- Architected and maintained Linux based web hosting infrastructure using Chef, Bash, Packer, and Nagios.
- Built and maintained build automation and tooling using Jenkins, Bash, and PHP.
- Mentored junior engineering staff.
- Architected and supported docker based development workflows.
- Architected, and Developed many WordPress & Drupal websites, as well as various custom Themes and Plugins using PHP and Javascript.

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

Lab Analytix is a software development company that builds ERP software for the mining industry

- Developed enterprise resource planning (ERP) software using PHP and NodeJS for the mining industry that included software to interface with network connected hardware to assist lab technicians in collecting data from samples.

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

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

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