

Wayne Olson

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EXPERIENCE

- Software Engineer, Co-Creator, Herald** (<https://herald-app.github.io>) [↗](#) 2023
Remote
Herald is an open source application that simplifies deployment of a full observability solution for logs, traces and metrics.
- Engineered the automatic provisioning and deployment of an observability pipeline, condensing a complex multi-application deployment (Elasticsearch, Logstash, Kibana, Fleet Server) into just a few simple steps.
 - Designed and implemented a distributed architecture using AWS Cloud Development Kit (CDK).
 - Abstracted application components and services into custom CDK constructs for deployment on AWS resources.
 - Reduced pipeline congestion and potential data loss by architecting a multi-cluster, autoscaling Elasticsearch service with automated node discovery.
 - Implemented infrastructure for automated certificate generation for enabling TLS encryption across all application services.
 - Containerized applications and solved complex configuration issues by building custom Docker images.
 - Created CLI to facilitate set-up, configuration, deployment, and tear-down of the Herald application.
 - Authored comprehensive case study discussing the use case, design decisions and implementation challenges of building Herald (<https://herald-app.github.io> [↗](#)).
 - Collaborated with a remote team of 4 developers across 3 time zones using an agile workflow.
- Software Engineer, Self-employed** 2020 – 2023
Remote
Developed open-source web applications with technologies such as JavaScript, Node.js, TypeScript, Go, Ruby, Sinatra, PostgreSQL, MongoDB, Jest, React, CSS, and HTML. Sample projects include:
- PanicBin - a real-time tool for receiving and monitoring webhooks (DigitalOcean Droplet, Express, Material UI, MongoDB, Nginx, Node.js, PM2, PostgreSQL, React)
 - Smarter Contacts - an intelligent contact manager for tracking contact relationships with automated suggestions for when to connect with a contact (Express, MongoDB, Node.js, React)
- Principal Broker, Owner, Olson Group Real Estate, LLC** 2015 – 2022
Portland, OR
As principal broker I drove the strategic vision and operational backbone of the company, while also directly servicing clients with the purchase and sale of residential real estate.
- Team Lead, Principal Broker, Redfin** 2013 – 2014
Portland, OR
I led and developed a team of real estate agents, coordinators and associate agents for the Portland Listings Team, in addition to servicing Redfin's selling clients in the Portland metro area.

SKILLS

Languages (*JavaScript, Ruby, Go, SQL, CSS, HTML, TypeScript*)

Frameworks (*React/Redux, Express, Handlebars, jQuery, Sinatra*)

Cloud (*AWS CDK, ECS, EC2, Fargate, IAM, EFS, VPC, Lambda, CloudFormation, CloudWatch, Cloud Map; DigitalOcean Droplets; Heroku*)

Other Technologies (*Git, Node.js, PostgreSQL, MongoDB, Elasticsearch, Node.js, RESTful APIs, Bash, Docker, Webhooks*)

EDUCATION

B.A. Philosophy, Classics (with honors), *University of California, Irvine*

Software Engineering & Web Development, *Launch School*