

# Luke Horton

Automation expert and pragmatic problem solver.

## EXPERIENCE

### Stord — *Staff Software Engineer*

April 2022 - Present, Remote

Course corrected a young startup in the supply chain industry. Designed a third party “eventually-consistent” sync system. Architected the company’s first public API offering. Mentored and educated engineers, PMs, and stakeholders.

### Aclaimant — *Senior Software Engineer*

February 2020 - April 2022 (2 yr 2 mo), Remote

Defined and implemented an insurance risk/claim management platform: multiple SPAs, public/private APIs, ingestion pipelines, ci/cd, operations/observability tooling, and related components.

### Very, LLC — *Senior Software Engineer*

February 2018 - February 2020 (2 yr), Remote

Engineer, architect, consultant, and salesperson for clients across the domains of finance, construction, fabrication, retail, and education.

### Acrospire Financial Technology — *Software Engineer*

July 2015 - February 2018 (2 yr 7 mo), Remote

Created a financial analysis application suite that enables users to evaluate complex algorithmic trading models and analyze trading strategies' effectiveness through backtesting.

### RedJack — *Front End Engineer*

July 2014 - July 2015 (1 yr), Remote

Developed a high performance network monitoring application with CQRS/Event Sourcing to achieve idempotency/auditability using HATEOAS, IoC runtimes, async automata, and an API traversal DSL.

Implemented a “disclosure control framework” prototype for DHS.

### Endgame — *Front End Developer*

February 2014 - July 2014 (6 mo), Arlington VA

Untangled two front end prototypes into tested, resilient and maintainable applications.

### Millennial Media — *UI Engineer*

May 2013 - February 2014 (10 mo), Baltimore MD

Built internal data visualization tooling and alert systems to preempt campaign delivery performance issues.

Bend, OR (or Remote)  
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I’ve spent over a decade designing and implementing modern software systems: web and mobile clients, cloud-native distributed systems, CI/CD orchestrators, auto-scaling data pipelines, public APIs, automated testing frameworks, custom DSLs, developer tooling, and so on.

The common thread across my breadth of experience is this: I am an automation expert. I build systems and strategies that optimize time and resources. I don’t look for problems that can be solved by writing code. I look to eliminate inefficiencies and uncover advantages through automation.

## SKILLS

Uncovering and defining business objectives  
Value-driven software strategy development  
Domain driven design  
Mentoring and teaching  
System architecture design and implementation  
Cloud-native distributed systems  
Data flow design and modeling  
DevOps orchestration  
User testing, user experience design

## EDUCATION

BS Computer Science, St. Lawrence University

## PREFERRED LANGUAGES

Clojure, Elixir

## RTS KEYWORDS

alexa, ajax, angular, artifactory, aws, beam, babel, bash, babashka, boot-clj, bootstrap, browserstack, canvas, circleci, compojure, confluent, css, css-grid, d3, datomic, django, docker, elasticsearch, elixir, etaoi, etl, express, eze testing, flexbox, flux, functional programming, gcp, git, graphql, grunt, gulp, heroku, highcharts, html, http, java, javascript, jenkins, jquery, json, jmx, jvm, kafka, kubernetes, lambdas, leiningen, make, mfa, microservices, mocha, nginx, node, npm, nrepl, oauth, objective-c, phantomjs, phoenix, postgres, python, re-frame, react, reagent, redis, redux, requirejs, rest, ring, salesforce, saucelabs, selenium, sendgrid, sentry, serverless, shadow-cljs, spec-clj, sql, ssh, stylus, svg, tomcat, transit-clj, tools-deps/cli, travis, webpack, webdriver, websockets