

# Luke Horton

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## Professional Experience

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<b>Staff Software Engineer</b> , Stord	2022 Apr – 2023 May Remote
<ul style="list-style-type: none"><li>- Built an eventually-consistent drift detection and reconciliation system to address the unreliable nature of N-directional third-party sources.</li><li>- Architected and engineered the company's first public API offering, granting existing integration partners an 80x improvement over previous p95 response times.</li></ul>	
<b>Senior Software Engineer</b> , Aclaimant	2020 Feb – 2022 Apr Remote
<ul style="list-style-type: none"><li>- Defined and implemented a risk/claim management platform resulting in a 50% reduction in claim processing time, a 21% average reduction in comp costs, and up to 12 fewer admin hours per claim.</li></ul>	
<b>Senior Software Engineer</b> , Very	2018 Feb – 2020 Feb Remote
<ul style="list-style-type: none"><li>- Engineer, architect, consultant, and salesperson for clients across the domains of finance, construction, fabrication, retail, and education.</li></ul>	
<b>Software Engineer</b> , Acrospire Financial Technology	2015 Jul – 2018 Feb Remote
<ul style="list-style-type: none"><li>- Engineered a portfolio and strategy management platform enabling hedge managers (\$350M AUM) to evaluate complex algorithmic trading models through backtesting.</li></ul>	
<b>Front End Engineer</b> , RedJack	2014 Jul – 2015 Jul Silver Spring, MD
<ul style="list-style-type: none"><li>- Developed a high-performance network monitoring application to empower SecOps teams with anomaly detection through real-time network analysis.</li><li>- Implemented a “Disclosure Control Framework” prototype for the Department of Homeland Security to secure pilot study funding.</li></ul>	
<b>Front End Developer</b> , Endgame	2014 Feb – 2014 Jul Arlington, VA
<ul style="list-style-type: none"><li>- Untangled two front-end prototypes into tested, resilient, and maintainable SPAs.</li></ul>	
<b>UI Engineer</b> , Millennial Media	2013 May – 2014 Feb Baltimore, MD
<ul style="list-style-type: none"><li>- Built an internal data visualization tool and alerting system which prevented \$10,000+ (per week) in misappropriated ad campaign spend.</li></ul>	

## Skills

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### System Architecture Design and Implementation

Build robust and scalable systems that satisfy and react to ever-changing business requirements.

### Mentorship and Instruction

Guide junior engineers to foster growth and improve team productivity.

### Business Analysis

Uncover and define new business objectives using data-driven hypotheses testing.

### DevOps Orchestration

Engineer cloud-native systems leveraging continuous deployment, automated provisioning, and other resiliency measures.

### Value-Driven Software Strategy

Develop a comprehensive software strategy that aligns with organizational goals.

### Domain-Driven Design

Grow highly maintainable systems that accurately capture the expertise of subject matter experts.

### Data Flow Design and Modeling

Design effective data models and flows to ensure efficient processing and storage.

### User Testing / User Experience Design

Create intuitive, proven user-friendly applications.

## Education

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**BS Computer Science**, St Lawrence University

2013

## Preferred Technologies (ATS SEO)

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- Clojure, Elixir, AWS, GCP, Datomic, Postgres, Datalog, SQL, Elasticsearch, Kafka, Docker, Hypermedia API, GraphQL, Javascript, React, HTML, CSS