Jon Willesen

Contact Information

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Experience

Senior Software Engineer

Proof	Remote, Salt Lake City, UT	Aug 2023 - Present

TypeScript   **React**   **Ruby on Rails**   **Jest**
GraphQL   **Postgres**

Full stack developer on team that implements identity verification features for Proof.

- Planned and implemented versioned biometric consent features to improve legal compliance.
- Conceived and implemented internal admin interfaces to manage fraud risk signals.
- Updated shared components in the design system.
- Implemented floating controls for viewing documents during notary meetings.
- Created interface for retaking individual credentials during notary meetings.
- Launched initial release of new Defend feature.
- Integrated Google Maps display with IP location services.

Senior Software Engineer

Smarsh	Remote, Salt Lake City, UT	Jan 2023 - Aug 2023

JavaScript   **React**   **Ruby on Rails**   **Jest**

Member of a small team that maintains that enhances the Smarsh VRM product.

- Built custom auto-provisioning API for internal use to automate onboarding new customers.
- Built new reports and administrative interfaces.
- Updated branding in VRM product to match Smarsh standards.

Software Engineer 4

Outschool	Remote, Salt Lake City, UT	July 2022 - Dec 2022

JavaScript   **TypeScript**   **React**   **Node**
Postgres   **Next.js**   **GraphQL**   **Apollo**

Jest	Mocha	Sinon	AWS

Member of a cross-functional team tasked with SEO and improving the onboarding experience of new customers.

- Collaboratively lead a project to integrate with Contentful, an external CMS, so marketing could easily create customized category landing pages without engineering support.
- Optimized rendering of course cards on category pages.
- Refactored duplicate code into a common library.

Senior Software Engineer

Guaranteed Rate Insurance   Remote, Salt Lake City, UT   July 2021 - July 2022

TypeScript	React	Node	Postgres
Lambda	Kafka	Rest	Tailwind CSS
Webpack	Jest	AWS	

Hired as the first engineer on a new team to create software and tools to make company processes more efficient, drive business growth, and acquire new customers.

- Determined the tools and practices used to create software.
- Mentored engineers with less experience.
- Lead the creation of a new web application and component library to gather new customer information and provide insurance quotes.
- Wrote the Quoter serverless app that integrates the company's CMS with external Comparative Rater services.
- Wrote the Loan Event Processor serverless app that consumes events from the parent company's loan event system and posts data into the CMS.

Senior Software Engineer

Pluralsight   Salt Lake City, UT   July 2020 - March 2021

JavaScript	TypeScript	React	Node
Postgres	Kafka	Rest	Recoil
D3	Jest		

Lead front-end web developer for my team.

- Hired to be the JavaScript and web development expert for the team.
- Architected and wrote the user interface for the Library Explorer internal tool.
- Improved and refactored the UI for the existing Tag Management internal tool.

Senior Software Engineer

Instructure   Salt Lake City, UT   Sep 2012 - May 2020

JavaScript	React	Ruby on Rails	Postgres

Rest	GraphQL	Apollo	Docker
Webpack	**Redux**	**Jest**	**RSpec**
Selenium	**AWS**		

Senior Software Engineer taking on a variety of roles and responsibilities.

- 5 years of primarily front end web development using React and related technologies.
  Created reusable React components and hooks to speed up development for my team and others.
  Contributed to Instructure's UI framework (Instructure UI).
  Worked closely with designers to ensure the UI implementation matched their vision.
  Ensured user interfaces were fully accessible, including WCAG compliance.
- 2 years of managerial team lead experience.
  Lead multiple projects to successful completion.
  Worked closely with product management to ensure requirements were met and understood.
  Mentored junior and mid-level developers and helped them progress in their career.
  Conducted yearly performance reviews.
- 3 years of primarily back end development using Ruby on Rails, PostgreSQL, and related technologies.

Senior Programmer

Evelyn Manufacturing	Salt Lake City, UT	Jan 2009 - Sep 2012

C++	**JavaScript**	**Git**	**Subversion**

C++ and JavaScript developer for both back end and front end.

- Started converting existing C++ user interfaces into web interfaces.
- Debugged several multi-threading and synchronization issues and wrote tools to prevent such problems in the future.

Prior Experience

Senior Software Developer	Applied Signal Technology	Aug 2007 - Jan 2009
Programmer III	Direct Financial Solutions	Mar 2004 - Aug 2007
Programmer	Evelyn Manufacturing	Jul 2003 - Mar 2004
Software Engineer	Spontaneous Technology	Jun 2002 - Jul 2003
Programmer	Talk2 Technology	Dec 2000 - Jun 2002

Skills Summary

Featured

JavaScript	TypeScript	React	Node

Rest	GraphQL	Ruby	Ruby on Rails

Technologies

C++	SQL	Git	Docker
PostgreSQL	Next.js	Webpack	Redux
Tailwind CSS	Lambda	Rest	Apollo
Kafka	RSpec	Jest	Mocha
Sinon	Cypress		

Other Keywords

SaaS	Accessibility	Aria	Frontend
Backend	Full Stack	Serverless	Automated Testing
Agile	Scrum	OOP	HTML
CSS	JSON	XML	

Education

BS Computer Science

University of Utah	Aug 1997 – Dec 2000