Jon Willesen

Contact Information

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Experience

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**	**Git**		

Senior 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

JavaScript	**TypeScript**	**React**	**Node**	**Postgres**
Lambda	**Kafka**	**Rest**	**Pullstate**	**Tailwind CSS**
Webpack	**Jest**	**AWS**	**Git**	

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**
Git

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**
Pullstate   **Jest**   **RSpec**   **Selenium** **AWS**
Git

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.

Senior Software Developer

Applied Signal Technology	Salt Lake City, UT	Aug 2007 - Jan 2009

C++   **Qt**

Programmer III

Direct Financial Solutions	Salt Lake City, UT	Mar 2004 - Aug 2007

C++   **MySQL**

Programmer

Evelyn Manufacturing	Salt Lake City, UT	Jul 2003 - Mar 2004

C++

Software Engineer

Spontaneous Technology	Salt Lake City, UT	Jun 2002 - Jul 2003

C++   **Java**

Programmer

Talk2 Technology	Salt Lake City, UT	Dec 2000 - Jun 2002

C++

Skills Summary

Featured

JavaScript	TypeScript	React	Node
Ruby	Ruby on Rails		

Technologies

C++	SQL	Git	Docker
PostgreSQL	Next.js	Webpack	Redux
Recoil	Pullstate	Tailwind CSS	Lambda
Rest	GraphQL	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