

**Luke Shay** - [shay.luke17@gmail.com](mailto:shay.luke17@gmail.com)

## Education

**Iowa State University, Ames, IA**

B.S. Software Engineering May 2021

## Experience

***Rain & Hail Insurance - Johnston, IA - November 2020 to Present***

Create software applications for insurance agents to optimize the insurance quoting and selling process. Leverage Java, Spring, JSP, Oracle SQL, and Vue to build applications and processes deployed on-premises. Work on a team that manages over 50 projects.

***Source Allies Incorporated - Clive, IA - May 2020 to November 2020***

Work on a team, building software products in an agile environment. Leverage methodologies including pair programming and test-driven development to build an API hosted on AWS to accept payments and NPM packages to interface with the API. Building a drop-in form web component for partners to add to their website to accept donations through Source Allies's Payment Gateway.

***Vertex Software - Ames, IA - October 2019 to April 2020***

Responsible for maintaining quality software and managing a smooth software release cycle for a large-scale cloud-based 3D rendering platform. Worked on the Quality and Release Management team closely alongside the development teams to facilitate fast and quality development in an agile environment. Helped maintain a Slack bot written in Coffeescript and Python, used to deploy all services of the platform to AWS.

## Projects

***Personal Website - <https://lukeshay.com> - <https://github.com/lukeshay/lukeshay.com>***

I have a personal website that is currently a work in progress. I am building it using Sveltekit and TailwindCSS deployed to the Vercel platform. I originally started with Next.js because of the innovation of the framework, but I love Svelte so I recently started migrating it. It uses GitHub GraphQL API to populate my pinned repositories on the home page.

***Wedding Website - <https://lukeandjadi.com>***

I got engaged to my fiancée in April of this year. I know there are all sorts of sites we could use to build our wedding website but I thought it would be fun to build it myself. This project uses Next.js, Vercel, TailwindCSS, Sendgrid, Checkly, Datadog, and CockroachDB. I chose these frameworks because I really enjoy the ease and development experience. I went with Vercel, Datadog, and CockroachDB because I could run the website for free. Since this application is going to actually be used, I am using Checkly to run browser tests on a cron to verify the website is operating correctly. I will be making this repo public once I am done with development.

**NOTE:** This resume does not contain my personal information. Inquiries can be sent to the email at the top of this resume.